REPORT ON PROGRESS OF THE WORKS PROGRAM

WORKS PROGRESS ADMINISTRATION

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PREPARED FOR

WILLIAM R. LAWSON

ADMINISTRATOR

NORTHERN CALIFORNIA

JANUARY 1938

REPORT ON

PROGRESS OF THE WORKS PROGRAM IN SAN FRANCISCO

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WORKS PROGRESS ADMINISTRATION

WILLIAM MOOSER, JR., BRANCH MANAGER

REPORT ON

PROGRESS OF THE WORKS PROGRAM

IN SAN FRANCISCO

JANUARY 1938

WORKS PROGRESS ADMINISTRATION

WILLIAM MOOSER, JR., BRANCH MANAGER

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United States. Work
Projects Administration
Report on progress of
the works program in
1938]

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FOREWORD

According to statistics compiled by the San Francisco Chamber of Commerce, and based on the census of 1930, there were gainfully employed in the City of San Francisco in that year, 333,000 persons. Continuing to utilize the figures compiled by the same agency, we find that in 1933, 230,000 persons were gainfully employed, while in 1935 - 274,000 persons were working, and in 1936 - the last complete figures obtainable - there were 295,000 persons gainfully employed. Such statistics as are now available for 1937 do not indicate any increase over the 1936 total.

Eliminating such factors as normal population growth with its concommitant increase of employable persons, and using the 1930 figures of 333,000 employed workers, it becomes quite evident that there still remain approximately 38,000 persons who were working, formerly, in private industry but who are now no longer employed. It is interesting to note that in the report issued by Mr. Biggers, chairman of the U.S. Unemployment Census, there is shown a total of 40,984 persons unemployed in the City of San Francisco.

Obviously, idleness among so many thousands represents not only a waste of potential productivity but also, more important, a waste of human resources which results in the demoralization of the collective spirit. The goal, therefore, of the Works Progress Administration has been set toward the conservation of these human resources in the community, and its efforts directed toward building up the spirit and morale of the unemployed who constitute so large a segment of the community's population.

Previous to the establishment of the Works Progress Administration in the latter part of 1935, the relief problem was, in a large measure, met through the State Emergency Relief Administration. This Agency was set up in California with funds appropriated by the State Legislature and with grants for relief made by the Federal Government. The program, in the main, was devoted to the rendering of direct relief to the unemployed, there being only a small part of its appropriations allocated for a Works Relief Program on which the workers were employed on a relief budgetary basis.

The morale of the relief recipients was quite naturally at a low point, at that time. It must be considered that there being no useful work in either private industry or public works in which the energies of the unemployed could be directed, their principal activities were devoted to finding ways and means of clinging to the relief rolls, seeking to increase their relief budgets, etc.

With the principal established in President Roosevelt's message to Congress on January 4, 1935 - that unemployed, able

persons, who were willing to work, were a Federal responsibility and with the subsequent establishment of the Works Progress Administration later in that year, a marked change ensued in the outlook and morale of the unemployed who previously were solely dependent on the relief rolls for their maintenance.

At the time the Works Program was put into effect there were maintained on the Unemployed Relief Rolls in San Francisco County (Oct. 1935) 29,051 cases representing 62,108 persons. By January 1936, 21,454 of these cases were removed from the direct relief rolls and placed on W. P. A. Projects at security wages. The resultant effect on the spirit of these workers can well be imagined; for many of these workers, W.P.A. employment represented the first opportunity to do useful work after years of enforced idleness. That depletion of the will to work and pauperization of the spirit had by that time made no substantial inroads was made manifest by the alacrity with which work assignments were snapped up. There was bouyancy in the workers and hope for jobs among those not yet assigned. Similarly now, as was then the case, with fifteen thousand working on W.P.A at present in San Francisco County and 9,108 on direct relief, the anxiety to work is equally intense among both those who are now working and those newly certified workers on direct relief, not yet assigned to W.P.A. jobs.

Nothing further could be added to the fact already clearly evident that jobs on useful projects do most to sustain the morale of the workers.

The extent of the useful projects which have been developed in San Francisco County has made it possible to utilize to the utmost benefit of the Community and the workers themselves the skills and training which they possess. Through a system of occupational classifications which takes into consideration such factors as: experience, education, physical condition, age, and etc., nearly 600 categories of workers have been clearly demarked. Each of these occupational classifications are so arranged as to make it possible for work assignments to be given to those best qualified to do the job which is required. The benefits to the Community in productivity and in stimulation to the individual worker to regard themselves as a useful member of society is incalculable. What has proved of greatest value to the worker employed on projects in his trade or profession is that he is thus enabled to maintain his skills sharp and active. This in turn helps him to obtain work in private industry when there is demand for his particular skill. The numbers who were thus helped to get jobs in private industry through keeping their skills alive, mount into the thousands.

In addition to the skilled workers on projects there are a considerable number of younger persons and others who were placed at work while possessing no skills or previous work experience. These workers are now obtaining work experience and developing skills which will prove and havealready proven of immeasurable value to them in getting jobs in private industry. Many have already succeeded in obtaining

desirable permanent jobs in private employment.

In 1935 San Francisco's revenues from property taxes and other resources had not kept pace with the necessary services which were rendered to its citizens. As a consequence there was retarded to a considerable extent the fulfillment of many of the construction and improvement plans which had been developed by the City's Department of Public Works, Park Commission, Recreation Commission, etc.

The need for street improvements such as widening and reconstruction had been keenly felt in the community. Since the advent of the W.P.A. three units embracing over 100,000 lineal feet of widening and reconstruction have been completed. As a direct result of this work the city found it possible to extend the development of its street lighting program which otherwise would not have been accomplished. It is conservatively estimated that due to the participation of the W.P.A. in the street improvement work this program was advanced by at least three years.

Similarly with the program of the Recreation Commission, lack of funds impeded its progress. With the increase of leisure time due to short hours of work, and unemployment, there was voiced in the public press and from the rostrum a clearly articulated public demand for a fully developed recreational program.

In this connection the W.P.A.'s contribution can be measured by more than the mere improvements to the City's

recreational facilities, W.P.A.'s contributions are evidenced in the increased number of cultural and educational activities in which many thousands more of San Francisco's citizenry are participating than previously, and in such activities as child nurseries, public health clinics, etc.

The program of the Recreation Commission measured by the anticipated and previously hoped for attainments has been advanced through W.P.A. participation by a minimum of ten years.

Works projects which have been set up for the purpose of the modernization and renovation of the records of the various departments of the City and County governmental units have effected tremendous improvements in the standard of the services which these agencies are rendering. Millions of documents, many of them of great value, have been classified, indexed, and made available for use by the proper authorities. Similar value rendered through W.P.A. participation to the City and County health services have accrued through survey projects covering public health and dental programs.

An evaluation of the permanent benefits which have been obtained by the community through Works Program, would not be complete by listing the many physical properties which have been built and are now in the process of construction. The permanent benefits which have already been made manifest can best be described in terms of improved health, impetus given to the development of the communities cultural and educational institutions and improved governmental service to the people.

INTRODUCTION

In June of 1935 there was presented the problem of setting up a program for work projects in the City and County of San Francisco.

The first step undertaken was a study which was made in order to obtain a comprehensive view of the various public agencies such as City, County, and State governmental units and the extent of the contemplated work that these agencies might have in their programs, either for new construction or for improvements which their current budget allotments prevented them from undertaking.

The results obtained from the study thus made was the development of a diversified program of projects involving Parks, Playgrounds, Street and Roads, Building Construction and Improvements, and many clerical, service, and professional units, as well.

Due to the relatively small area which San Francisco covers and the built-up condition of the city, it became necessary to concentrate in a greater measure on construction projects, rather than on roads and open spaces. This, as can read-

ily be understood, involved a larger percentage of expenditures on other than labor costs. Such a condition created obvious difficulties in providing work for unskilled labor and non-manual workers.

However, despite these handicaps, as will be noted on the labor load chart included in this report, we have succeeded in maintaining on active assignments practically all the workers certified to us as employable. Costs, other than labor, have been furnished us in increasing amounts by the Sponsors and, in many instances, contributions have been made in greater amounts than the original pledges in the project proposals. This, in itself, evidences the keen interest in the Works Progress Administration's Program by the sponsors and the community's acknowledgement of the permanent benefits it derived.

In selecting outstanding Works Progress Administration Projects in San Francisco, it is necessary to keep in mind three major factors - the strong civic spirit of San Franciscans; the fact that they are proud and conscious of the two bridges, the world's greatest engineering feats, which span San Francisco Bay; and that, in 1939, San Francisco will celebrate the completion of those bridges by the Golden Gate International Exposition which will bring countless thousands of guests to this area. San Francisco, desirous of living up to its reputation of "the city that knows how" is, therefore, planning projects and civic improvements with that deadline date constantly in mind. It is anxious that the visitors shall recognize why this city with its great achievements is beloved of its peoples and has earned, among the cities of the world, the reputation of

being a truly colorful metropolis - one, it has been said, of "the five romance tinted, story cities" of the United States.

The several projects chosen for description in the following pages reflect the citizens' attitude.

Streets and sidewalks improvements are, of course, an obvious necessity for the re-routing of traffic to openings of the bridges and will be more urgently needed to avoid congestion and confusion when the Exposition brings its visitors. Due to the unprecedented growth of population with its consequent increase in traffic, the city has suffered greatly from traffic congestion. The widening and improvement of streets has been wholeheartedly endorsed by the San Francisco Board of Supervisors. There are, also, in the possession of the City Engineer's office, innumerable testimonials from private civic spirited citizens endorsing such improvements.

The Market Street Subway Survey Project has, with emphasis placed on accuracy and speed, completed a survey for a subway to improve traffic conditions.

Aquatic Park has long been a dream of San Francisco - and little more than a dream. Now that the Works Progress Administration has furnished the man power and money to turn the dream into reality, every effort has been expended to bring about its completion in order that it may be shown pridefully to the Exposition visitors. As knowledge of what the completed project will mean has become more commonly appreciated, popular approval for this project has gradually mounted to a point of fine enthusiasm. That this is an outstanding project achievement is evidenced by a complete public support and the fact

that, heretofore, San Francisco has never had adequate facilities for the large number who enjoy the sports of boating and swimming.

The enlargement and improvement of Fleishhacker Zoo was another dream now being converted into reality through the participation of the Works Progress Administration. It is anticipated that the Zoo will be enlarged to approximately eight times its present size but only that portion of the work has been undertaken which can be completed in time for the exhibit in 1939.

The relief maps of California forest areas have been needed by the Division of Forestry in their routine work. At present, special efforts are being made to map the whole of the Western States and Pacific Coast region, embracing eleven states, for exhibit at the Exposition. Approval has not been secured as yet to prepare such an Exposition exhibit. The plan, however, has the approval and endorsement of many interested agencies and private citizens.

It is hoped that in the following pages on which is listed and described only a part of the work which has been carried out by the Works Progress Administration in San Francisco County, the reader may be enabled to obtain a clearer understanding of how effectively the community has utilized the services being rendered by the Works Progress Administration.

COMPARISON OF RELIEF LOAD
to
W.P.A. ACTIVE ASSIGNMENTS

A study of the following graph will show the total S.R.A. case load certified to W.P.A., and the active assignments on the W.P.A. work program.

It will be noted that the W.P.A. has consistently employed most of the load certified; the W.P.A. curve was plotted from our own record of active assignments and does not take into account those employed on the Shoals and on projects directly operated by Federal agencies. If the information relating to the number employed on the Shoals and on Federal projects was available, it is certain that the relationship between the certified curve and active assignments would be much closer than shown.

A certain portion of the load could not always be steadily employed due to the fact that the direct relief agencies certify all employables according to their own standards of eligibility; in addition, the workers certified do not always possess all of the occupational skill required. The difficulty, then, to initiate a work program whereby the projects approved call for a specific ratio of occupational skills in relation to those which are in the available load, becomes apparent. For example, a certain type of project may call for 100 laborers, 8 carpenters, 2 plumbers, 1 steamfitter, 3 electricians, 4 tile setters, 5 cement finishers, and 10 painters. The available load for these classifications at the time of the project's opening may be: 120 laborers, 20 carpenters, 4 plumbers, no steamfitters, 10 electricians, 1 tile setter, 15 cement finish-

ers, and 40 painters. The result is that 20 laborers, 12 carpenters, 2 plumbers, 7 electricians, 10 cement finishers, and 30 painters are left on the available certified list, and the project can not be properly serviced with steamfitters or tile setters. For this reason, a similar project can not be opened to take up the remaining workers because certain operations within the project can not be completed in time to allow the balance of workers to proceed at a normal and economic pace.

This explanation is given to illustrate the necessity for maintaining a project planning department so that many more projects of varied character may be planned and in readiness for operation. This is one of our most difficult problems, owing to the fact that the sponsors have only a limited sum to allocate and are reluctant to sign projects aggregating more pledge than is available in their current budget.

CHART SHOWING COMPARATIVE S.R.A RELIEF LOAD, CERTIFIED CASES, AND W.P.A. ACTIVE ASSIGNMENTS.

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CONSTRUCTION
AND
ENGINEERING PROJECTS

WORKS PROGRESS ADMINISTRATION

CALIFORNIA

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AQUATIC PARK

Official Project Number:	65-3-2014
Work Project Number:	2175
Project Authorization Advice:	236
Location Symbol:	03-614-38
Type of Work Symbol:	1330
Appropriation Symbol:	065027-1

OPERATING DIVISION

CONSTRUCTION UNIT

AREA NUMBER 7

NORTHERN DISTRICT
CALIFORNIA

AQUATIC PARK

At the foot of Van Ness Avenue (North) in San Francisco, there is a sheltered cove which offers exceptional natural advantages for swimming and boating. There is a dilapidated boat house which is still in use, and in spite of the fact that there are no dressing rooms for either swimmers or boaters, rain or shine, one will find from 150 to 200 faithful sport addicts in or on the water. On pleasant days from 2000 to 5000 people attend.

For many years it has been the ambition of San Francisco to establish a public playground for water sports, and this site was selected as ideal for an Aquatic Park. Only with the assistance of the Works Progress Administration has this desire begun to take the semblance of reality.

Following is the official description of the project as included in the project proposal: "The construction of 3,250 cubic yards masonry rubble sea wall, 1 bath house, 2 boat houses, 2 life saving stations; paving 101,000 square feet of promenades; excavation and fill of 20,000 cubic yards; relocation of 1,400 lineal feet of railroad track; the installation of flood light system for night swimming and rowing; and approach wharf to school boat house, pile cutter berths and landing floats".

Day by day, as one watches the work development, Aquatic Park becomes a reality. The sea wall, made of discarded paving blocks and broken pieces of cement from the street-widening program, sweeps around the cove. The foundation of this sea wall is below the water level most of the

time, so that tide charts had to be studied and construction of the wall go forward only at ebb tide; hence, most of the work was done by crews working in the early hours of the morning between one and two.

Working plans have been drawn for a new and modern boat house to replace the old wooden structure which will be torn down. The new boat house, stream lined and modern to the last degree, will have long, glass-enclosed sun purches facing the water, and bleachers at either end of the building to accommodate sport spectators.

The Sea-Scout building, a two-story structure of unusual design and beauty, will be built upon piles out over the water at the end of a pier connecting it with the beach. As an integral part of the Sea-Scout building, will be two mooring areas for sea craft.

Contrary to the somewhat general belief, there will be no indoor swimming pool: -- Aquatic Park is for out of door water sports.

It is felt that Aquatic Park will provide a long-felt need for both children and adults, and has been enthusiastically endorsed by many citizens. The President of the Parent Teachers Association of San Francisco, Mrs. Joseph T. Morcombe, voiced the opinion of many of the members of her organization, when she said: "The people of San Francisco should be very grateful that such consideration is being given by the Works Progress Administration to the need of a place for healthful, out-of-door water sports".

Mrs. J.M. Todd, President of the "See and Know San Francisco First" group of women's club executives, enthusiastically exclaimed, "Wonderful! An Aquatic Park is a civic improvement of which we, as citizens, can well be proud. We are grateful as citizens, too, that our unemployed can be given work on such a worth-while project".

782 men is the average number who have been and will be employed per month on the project up to, and including June 1938.

The illustrations serve to express far greater than words, the amazing scope of this project and the planned beauty of the finished project.

AQUATIC PARK

View from circular pier showing enclosed area of water known as AQUATIC PARK. Construction of Bathing Pavilion shown in other photos just starting above white mark.

View showing portion of rubble masonry seawall, a semi-circle 2,200 feet long.

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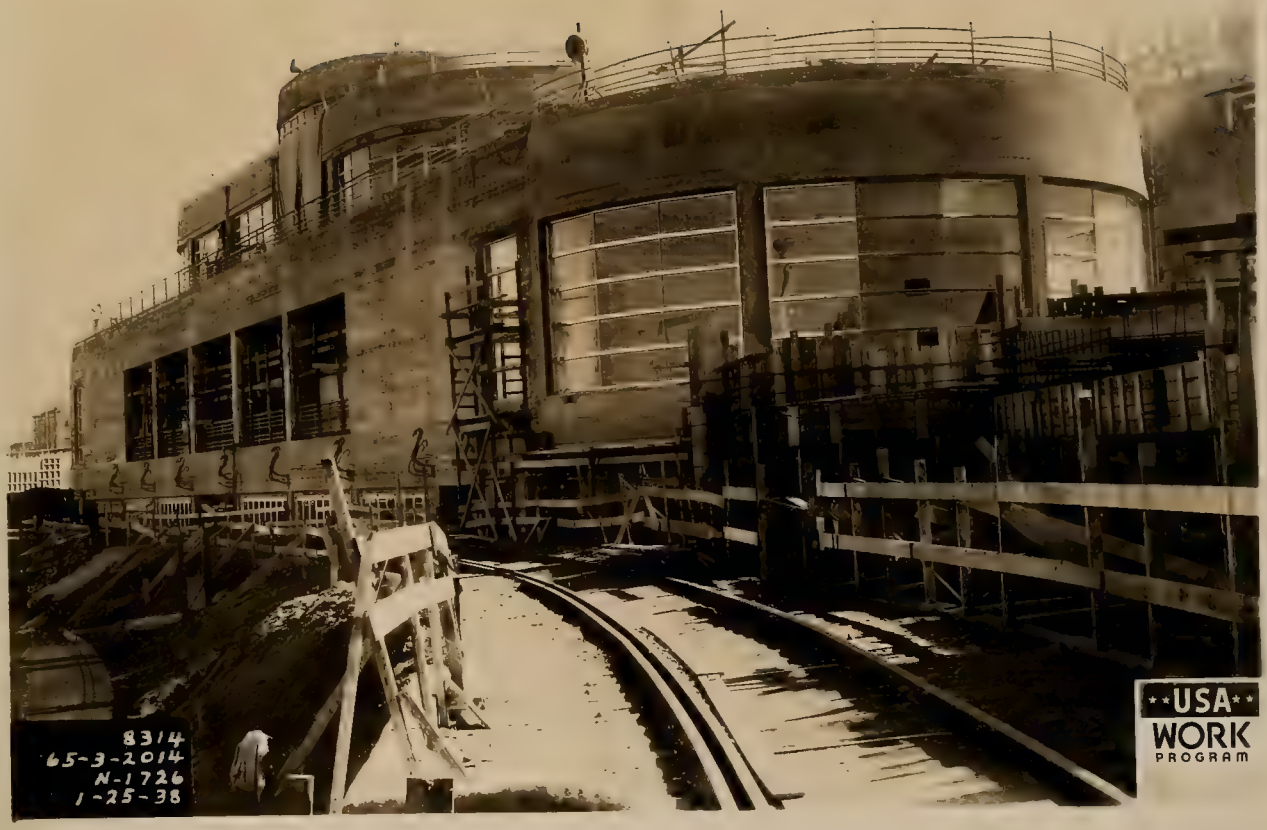
AQUATIC PARK

View looking east showing Aquatic type of architecture.

View of bathing Pavilion looking west.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65-3-2014
N-1726
1-25-38
USA
WORK
PROGRAM

8314
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PROGRAM

AQUATIC PARK

View showing start of building construction; reinforced concrete piles made by W. P. A.

View showing building in course of construction.

2175
65-3-2014
N-554
7-22-36
USA
WORK
PROGRAM
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2175
65-3-2014
N-1152
1-20-37
USA
WORK
PROGRAM
WPA

A SHORT RESUME
of
A PORTION OF THE WORK BEING PERFORMED
by the
FEDERAL ART PROJECT
for
AQUATIC PARK

MAIN LOUNGE - - Ceiling decoration of equi-value harmonies, 3000 square feet. 12 mural panels 11 feet 3 inches high as follows: 2 mural panels 25 feet, 2 irregularly shaped panels 19 inches, 2 panels 9 feet, 4 panels 3 feet, and 2 panels 5 feet.

WOMEN'S LOUNGE - The decoration consists of color wheel on the ceiling 1735 square feet. The walls show scale of value, white to black. Five charts 8 square feet each, and 1735 square feet of terrazo floor. Designs for one center light fixture 36 inches in diameter, plus 8 supplementary fixtures.

RESTAURANT AND LOBBY - Decorated with rope and Yacht Club flags. 10 flags 27 x 18 inches and 36 flags 13 x 19 inches. Terrazo floor and ceiling design for 1735 square feet, each.

FACADE - Marquee 4 feet 6 inches and two pediments 1 foot 6 inches, to be finished in green slate, low relief and one steel grill 100 square feet.

BACK PORTICO - Terrazo floor 1500 square feet and glazed tile wainscot, 5 x 250 feet. 2 tile mosaics 5 x 9 feet and two, 20 x 9 feet, plus incidental lighting fixture designs.

There are, in addition, designs to decorate the banquet hall in repousse metal. The room is 30 x 80 feet and, in the event this work is undertaken, will include a design for a terrazo floor.

All the above work has been designed and is being executed by Hilaire Hiler with the help of Richard Ayer,

Thomas Dowley, Lawrence Holmberg, and Sargent Johnson. Added to these, Beniamino Bufano is making the following sculptures in red granite to be placed in the esplanade of the building:

1 crab	2 fish	1 seal	1 bear	1 snail
1 turtle	1 fly	1 snake	1 frog	

One torso, and one group of mother and children, sculptured by Mr. Bufano, are to be placed within the building.

WORKS PROGRESS ADMINISTRATION

CALIFORNIA

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STREETS AND SIDEWALKS

Official Project Number	65-3-1587
Work Project Number	1891
Project Authorization	236
Location Symbol	03-614-38
Type of Work Symbol	2032
Appropriation Symbol	065027-1

OPERATING DIVISION

CONSTRUCTION UNIT

AREA NUMBER 7

NORTHERN DISTRICT
CALIFORNIA

STREETS AND SIDEWALKS

San Francisco's street-widening program, designated in every-day usage at the local office of the Works Progress Administration as "Streets and Sidewalks", is officially described in the project application as "Moving curb, sidewalk, and street repair. The narrowing of sidewalks and street repair on 25 streets in the City and County of San Francisco." It is explained under "Remarks": -- "Revamping and reconditioning of sidewalks and roadways made necessary through increased auto travel and the changes in general traffic routes that have been caused by the completion of the Golden Gate and San Francisco-Oakland Bay Bridges."

Briefly, this describes the program designed to benefit San Francisco and, at the same time, give employment to an average of 2715 men per month for a period of twelve months. But it does not in any measure indicate the background of need, the significance of the work, or the extent of the street-widening program.

To begin with, the geographical area of San Francisco is only 42 square miles with a concentrated population of 750,000. The street layout is poor and confusing, due partially to the shape of the peninsular point upon which the city is built and to the fact that the hilly topography prevented any orderly arrangement, but further complicated

by the concentration of the business and financial areas.

With the growth in population, there has inevitably grown a traffic problem of major proportions. This was further increased by the fire-earthquake disaster of 1906 which utterly destroyed a large section of the city -- that section from which sprang, in mushroom-like growth, the highly concentrated business and financial area which is the "downtown" San Francisco of today. Market Street is the main artery of all San Francisco traffic; one may say, confidently, with no sense of exaggeration, that "all roads lead to Market Street."

We have had, therefore, concentration of traffic and traffic routes, and these will have to be entirely rearranged to adequately handle the new routes of travel and anticipated increase in traffic necessitated by the building of the two great bridges spanning the San Francisco Bay at two widely separated points. The Works Progress Administration is lending the City and County of San Francisco assistance in, literally, "paving the way".

The actual work of widening a street comprises a number of steps which, to the layman, is completely astounding -- 36 operations involved:

1. Breaking sidewalk.

2. Setting back sewer traps, including laying of new pipe for setback area.

3. Excavating for new pavement.

4. Hauling surplus from excavation to dump grounds or other Works Progress Administration projects.

5. Hauling broken concrete sidewalks to various other Works Progress Administration projects where same may be useful.

6. Setting back granite curbs.

7. Redressing granite curbs.

8. Cutting granite curb drops for auto runway entrances.

9. Finish subgrading for concrete pavement.

10. Setting header boards for concrete pavement.

11. Excavating for setting back of fuel oil and gasoline tanks 4½ feet below surface.

12. Setting back area walls.

13. Pouring concrete pavement, 8 inches thick, Class "E" concrete. Width varies from 3 to 7 feet.

14. Excavating for electric conduit pipe for street lighting system.

15. Setting back street name signs.

16. Setting back traffic warning signs.

17. Setting back electric traffic signals.

18. Setting back fire hydrants, both high and low pressure.

19. Constructing concrete curb forms on returns at corners.

20. Pouring concrete curbs and placing curb armor.

21. Moving where possible, or wrecking and rebuilding brick catch basins.

22. Constructing and placing plank runways for accommodation of pedestrians and automobiles over excavated areas.

23. Constructing collapsible barricades and placing them around open work.

24. Providing and servicing night flares.

25. Maintaining a blacksmith shop for servicing tools and making various others when economical.

26. Constructing portable office buildings for use of timekeepers and material men on various units of project.

27. Installing electric conduit pipe for street lights.

28. Painting barricades and various project buildings.

29. Maintaining central supply yard and headquarters for receiving and disbursing materials and equipment.

30. Repainting street sign posts, etc., damaged in moving.

31. Excavating for sidewalk.

32. Constructing artificial stone sidewalk, $3\frac{1}{2}$ inches thick, of Class "E" concrete.

33. Chipping out asphalt pavement for conform purposes.

34. Laying asphaltic concrete pavement for conform.

35. Removing and replacing traffic markers for crossing lanes where necessary.

36. Sweeping up streets and sidewalks for final acceptance.

The incidental work required by the various public utilities involves the setting back of power and telephone poles, electroliers, trolley poles, conduit, pipes, water meters, gas valves, wires, and any other work in various operations incidental thereto.

Most of these steps are beyond the comprehension of the ordinary motorist, but one feature which he will appreciate is the rounding of the corners.

Officials of the City and County of San Francisco heartily endorse this program.

STREETS & SIDEWALKS

Laying concrete strips. Showing crew behind mixer.

View showing completed unit of work on Golden Gate Avenue.

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N-633
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STREETS & SIDEWALKS

View showing work carried on under heavy traffic at Van Ness Avenue and Market Streets.

View taken on off day to show neat manner in which work is left. Notice proper barricades and firm substantial run-ways for each garage entrance.

LEVIN'S AUTO SUPPLY
OAK ST.
1891
65-3-1587
N-1293
3-26-37
USA
WORK
PROGRAM
WPA

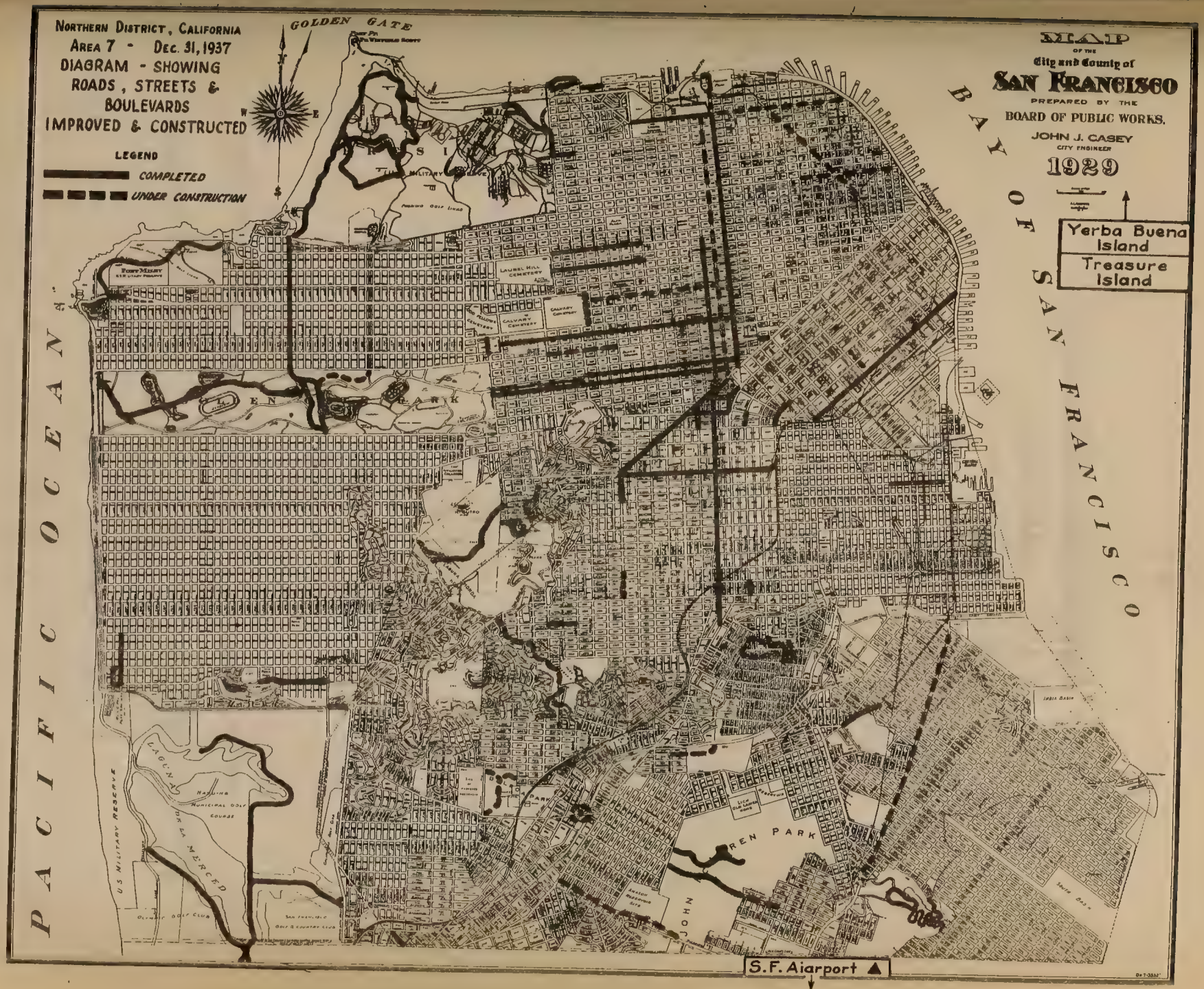
NEHI
1891
65-3-1587
N-972
8-19-37
USA
WORK
PROGRAM
WPA

STREET, ROAD, AND BOULEVARD ACTIVITIES

On the opposite page is shown a map of the City and County of San Francisco which has been prepared for the purpose of showing the locations of the various streets, roads, and boulevards improved, widened, or entirely constructed by the Works Progress Administration.

The locations designated by a solid line indicate work already completed; the dotted line is indicative of work now under construction.

This map clearly illustrates the wide scope and varied locations of the street, road, and boulevard work undertaken by this organization, the necessity of which has proven tremendous in view of the heavy traffic increase created, to a great extent, by the opening of the San Francisco and Golden Gate Bridges.


NORTHERN DISTRICT, CALIFORNIA
AREA 7 - DEC. 31, 1937
DIAGRAM - SHOWING
ROADS, STREETS &
BOULEVARDS
IMPROVED & CONSTRUCTED
LEGEND
COMPLETED
UNDER CONSTRUCTION
GOLDEN GATE
MAP
OF THE
City and County of
SAN FRANCISCO
PREPARED BY THE
BOARD OF PUBLIC WORKS.
JOHN J. CASEY
CITY ENGINEER
1929
Yerba Buena Island
Treasure Island
PACIFIC OCEAN
BAY OF SAN FRANCISCO
S.F. Aiarport
LAUREL HILL CEMETERY
CALVARY CEMETERY
JOHN REN PARK
LAGUNA DE LA MERCED
U.S. MILITARY RESERVE

WORKS PROGRESS ADMINISTRATION

CALIFORNIA

****

FLEISHHACKER PLAYGROUND

Official Project Number	65-3-2014
Works Project Number	3048
Project Authorization Advice	7-108
Location Symbol	03-614-38
Type of Work Symbol	2330
Appropriation Symbol	465800

OPERATING DIVISION

CONSTRUCTION UNIT

AREA NUMBER 7

NORTHERN DISTRICT
CALIFORNIA

FLEISHHACKER PLAYGROUND

Dr. Heller, director of the Fleishhacker Zoo, which is under the San Francisco Park Commission, states: "San Francisco has, because of its ideal climatic conditions, an exceptional opportunity to exhibit animals."

"If", he added, "we can provide adequate exhibit space and adequate housing accommodations."

It was for this purpose that a project proposal was submitted by the City and County of San Francisco for the sponsorship of a Works Progress Administration project. The proposal listed the work involved as: "The grading of 9,600 cubic yards for underground pump house and underpass, 65,000 cubic yards of paths, 10,000 cubic yards of paddocks, 40,000 cubic yards of lakes & lagoons; the placing of 6,600 cubic yards of red rock surfacing on paths, 123,000 square feet of rustic rubble face to slopes of paths, and 20,000 cubic yards of loam about grounds; the installation of 600 lineal feet 18 inch corrugated metal culverts, 18,400 lineal feet sanitary and storm sewer system, 13,100 lineal feet of irrigation system, and 4 pumps in pumping plant; the construction of an underground reinforced concrete pump house of 315 cubic yards, a reinforced concrete underpass of 150 cubic yards, a reinforced concrete wall, moat slab and coping "around animal island of 485 cubic yards; and landscaping work".

Translated into language for the layman, the present Works Progress Administration project plans to increase the zoo acreage of ten to approximately fifty -- five times the present size -- and to build accommodations for the animals to approximate in appearance their native habitats. The first and foremost step in making plans for the enlarged zoo area was the installation of a pumping plant which will circulate running water throughout the entire acreage. This running water will flow through the moats, lakes and lagoons which will separate many of the animal areas from the spectators and will be utilized in irrigating the grounds. The pumping plant will also be used to carry away sewerage.

Among the new zoo attractions will be "Monkey Island", a round island completely surrounded by a moat. The island, itself, will be landscaped with trees, shrubs and rocks, and the construction is such that the present crowded cage quarters will be eliminated.

Bear pits, planned to be fronted by moats, will resemble the native haunts of the various species of bear. A relief model of one of these pits has been photographed to convey a general impression of the finished appearance.

Lion and tiger yards of the same general type are planned. A heavily reinforced wall will prevent escape of the animals while they roam as apparently free as in their native haunts. Photographs show clearly the strength of those protecting walls.

In addition to the yards, housing quarters are planned for inclement weather with runways for spectators, making possible the exhibition of animals in any type of weather. The accepted plans include a large lion house with four separate yards; a pachyderm house surrounded by two large elephant yards; one hippopotamus yard, one rhinoceros yard; five bear dens; a paddock, several lakes, and a large bird house. In each yard, there will be pools in which the animals can wallow.

Special mention should be made of the "flight house", which will be a large room constructed so as to permit considerable flying space, and to resemble the natural surroundings of the birds. Indirect lighting is to be used to illuminate the area which will be seen by the spectators through large windows of rose-colored glass.

The working plans drawn up by the San Francisco Park Commission underwent several revisions before the final acceptance of those made by Lewis P. Hobart who had studied several of the eastern zoos before submitting his drawings.

An average of 900 men were employed on this project.

Although no definite figures are available, the daily attendance of the zoo is tremendous, and definite need has been felt to increase the capacity. This had been done to a limited extent as circumstances allowed, but the ambitious program planned has only been made possible with the assistance of the Federal work relief programs.

Already a popular spot, it is estimated that the Golden Gate International Exposition will greatly increase the zoo attendance and every effort is being expended to complete a large portion of the new area before 1939.

The present project is near completion, and some of the plans mentioned in this report are to be included in the continuation of this project.

ZOOLOGICAL GARDENS

View showing Monkey Island. This is completely surrounded by a water moat and animals will run free on artificial rocks and sand beach. Within is a room for housing on cold nights and inclement weather. A service tunnel entering from the opposite side has also been completed.

View showing construction of Five Bear Dens without bars all in natural stone effect. Artificial stream in foreground.

View showing a section of Bear Pit just before completion. These walls are so constructed that not even a man can scale them. Note the pool in center for polar bears. A water moat just in frontof spectators is brought to your attention by the ladder in the lower right corner.

3048
65-3-2014
N-1612
8-10-37
USA
WORK
PROGRAM

8314
65-3-2014
N-1706
1-29-38
USA
WORK
PROGRAM

ZOOLOGICAL GARDENS

View showing entrance way. Note the natural rustic stone masonry. This material is quarried, transported and constructed by W. P. A. Its many natural colors cannot of course, be displayed by photograph.

View showing construction of walls surrounding water area for Beavers, Otter, etc. Complete underground sewer, water, gas, electric and drainage systems are all constructed. Bear dens on left. Convenience station shown in upper right.

3048
65-3-2014
N-701
11-29-37
USA
WORK
PROGRAM

3048
65-3-2014
N-804
12-15-37
USA
WORK
PROGRAM

ZOOLOGICAL GARDENS

View of Flight Cage and house for both land and aquatic birds. All new construction, landscaping and planting of growing trees now being done..

Artificial lake showing landscaping. Rustic masonry walls and Flight Cage in upper right.

3048
5-3-2014
N-798
12-15-37
USA
WORK
PROGRAM
WPA

3048
65-3-2014
N-806
12-15-37
USA
WORK
PROGRAM
WPA

WORKS PROGRESS ADMINISTRATION

CALIFORNIA

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LYON STREET APPROACH
to
GOLDEN GATE BRIDGE

Official Project Number	165-3-1047	465-03-1-122
Work Project Number	5640	8264
Project Authorization	7-108	7-108
Location Symbol	03-614-38	03-614-38
Type of Work Symbol	1034	1034
Appropriation Symbol	465800	465011

OPERATING DIVISION

CONSTRUCTION UNIT

AREA NUMBER 7

NORTHERN DISTRICT
CALIFORNIA

LYON STREET APPROACH
to
GOLDEN GATE BRIDGE

The submission of this project to the Works Progress Administration for operation was made with a certain amount of apprehension by the sponsors, due to the amount of heavy construction involved and the urgent necessity for the proposed work.

After a period of less than a month, the Works Progress Administration was able to allay these doubts and the project was set up and operated on a basis comparable to any properly handled construction project in private industry.

The work involved in the operation of the project incorporated the following:

Excavation and backfill	27,256 cu. yds.
Reinforcing steel	517 tons
Concrete	9,425 cu. yds.
Lumber - Forms and Falsework	572,000 B.M.
Piling	36,771 lin. ft.
Asphaltic Concrete Pavement	96,000 sq. ft.
Drainage System - 6" to 33" Pipes	6,500 lin. ft.
Electric Conduits	6,500 lin. ft.

These figures, alone, cannot completely indicate the amount of work actually required for, due to water's level being only three feet below the surface in a heavy sand adobe material, five 2" pumps had to be kept in constant operation. Sheet piling had to be placed around all footing excavations. A large portion of this underground work was done in the rainy season, thus increasing the amount of mud and slush in which work had to progress.

The "Off" ramp and Richardson Avenue approach, a six lane highway 800 feet long, and three lane ramp 325 feet long,

were completed and turned over to traffic in time for the Bridge opening on May 27, 1937.

The superstructure could not be framed or started until the footings were in and set, for, owing to the unstable condition of the terrain, it was necessary for our engineers to devise a method for carrying the entire load on the completed footings. Modern methods were used throughout the construction. The accompanying photographs are clearly descriptive of the orderly manner in which the work was conducted. The engineer can readily discern the excellent workmanship through the splendid results reflected in the photographs.

The "On" ramp was turned over to traffic on January 22, 1938. The opening of this ramp resulted in the diversion of all heavy traffic from the Marina Boulevard which extends through a highly built up and restricted residential district on one side and the Marina Park and Yacht Harbor on the other. Heavy produce trucks going to and from the Bridge in the early hours of the morning use this new route, thereby saving the residents of the district considerable annoyance.

Another phase of this project involved the Military replacements that had to be effected due to the fact that the right-of-way is within the Presidio Military Reservation. This work included the moving of the Letterman Club House, tennis courts, roads, underground water and sewer lines, etc., as well as the construction of a new entrance for the Military road with necessary walls and entrance gates, the moving and transplanting of trees and numerous other incidental phases.

The Works Progress Administration may point with pride to this achievement and be justified in feeling that it has contributed to the wealth and convenience of the community.

LYON STREET APPROACH

View showing "ON RAMP" looking east. Footings completed.

View of "ON RAMP" completed looking east from near same point.

5640
165-03-1047
N-1414
5-24-37
USA
WORK
PROGRAM
WPA

8264
465-03-2-122
N-1730
1-26-38
USA
WORK
PROGRAM
WPA

LYON STREET APPROACH

View showing problem in framing. A skew bent to accomodate the military railroad was built into the structure on a curve and a super-elevation. Note all falsework carried on completed footings.

View looking up along "ON RAMP" showing type of structure and character of work. The finish is concrete as stripped.

5640
165-03-1047
N-775
12-15-37
USA
WORK
PROGRAM
WPA

5640
165-03-1047
N-776
12-15-37
USA
WORK
PROGRAM
WPA

LYON STREET APPROACH

View of junction of "ON RAMP" and "OFF RAMP" preliminary stages looking east.

View of "ON and OFF RAMP" completed looking west.

5640
165-03-1047
N-1412
5-24-37
USA
WORK
PROGRAM
WPA

ROAD CLOSED
5640
165-03-1047
N-1584
7-13-37
USA
WORK
PROGRAM
WPA

WORKS PROGRESS ADMINISTRATION

CALIFORNIA

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38TH AND FULTON RECREATION CENTER

Official Project Number	65-3-1576
Work Project Number	1701
Type of Work Symbol	1149
Appropriation Symbol	365027-1

OPERATING DIVISION

CONSTRUCTION UNIT

AREA NUMBER 7

NORTHERN DISTRICT
CALIFORNIA

38TH AND FULTON RECREATION CENTER

"I wouldn't mind living there!"

That has been the invariable comment at the first glimpse of the 38th and Fulton Recreation Center built for the San Francisco Recreation Commission by the Works Progress Administration.

That was the gasped chorus from forty members of the Parent-Teachers Association; it was the unanimous exclamation of Golden Gate International Exposition officials who made an inspection tour of projects; prefaced by a "Gee!", it's heard frequently from the children who play at this Recreation Center.

The Recreation building stands in the extreme northeastern corner of the playground, with main entrance facing south. The ground floor is level with the 38th Avenue playground entrance; the playground itself is below the street level of the inclined street, at this point.

The size of this homelike recreation building is deceptive. At first glimpse, it appears as diminutive as a doll house, yet the floor space is 2,200 square feet.

In appearance it is a cottage type of residence, finished in a rough plaster. The color is a warm gray, contrasting with the darker gray wood trim, and red -- it's a light rose-tile red -- composition shingle roof.

With the softening of line achieved by shrubs and flowers which surround the building (in fact, the whole playground), the building appears to have achieved unity with the soil and to have grown from it.

The main entrance door opens directly into the recreation room which is approximately twenty-one feet by thirty-three feet. The walls are of natural knotted pine, the slanted ceiling of a composition material lighter than the wooden beams.

On the southern exposure is an alcove with three outward-opening steel-framed paned windows, flanked on one side by the glass paned door and on the other by a paned window.

Built in the opposite wall is a capacious gray-blue plaster, brick-lined fireplace. At each side, nickel and brass wall lights of early American design harmonize with the chandelier hung by a blue-tinted iron chain from the ceiling ridge. Cross beams of rough-hewn wood strengthened by iron supports and suspension chains of the same blue tint, emphasize the quaint homeliness.

At the northern end of this room are six built-in lockers with generous storage space for playground equipment. A door to the left of these lockers leads into a kitchen gleaming with buff woodwork, gray and white tile, set off by fittings of chromium. A window at both northern and southern ends of the kitchen insures excellent lighting and the minimum of lingering cooking odors. Under the northern window, a chromium-plated shelf awaits installation of either a gas or electric stove.

A tiled drainboard with partitioned sink midway,

extends the full length of the eastern wall and across the southern end, with cupboard space above and below, leaving working space of approximately five by fifteen feet.

Entered from the recreation room (western door) and also by a glass door from the southern side of the building, is a small office space with built-in cupboards on one wall, and two coat closets opposite the outside entrance. Adjoining the office is a gray and white-tiled bathroom with a stall shower, another closet and a mirror faced medicine cupboard.

Public dressing rooms for boys and girls are at either end of the building, with entrances from the outside.

All the public entrances are from the southern -- playground -- side of the building. The curved flagstone path from the 38th Avenue entrance leads to a locked supply room which houses janitorial supplies, lawn mower and hoses, gas water heater and the miscellaneous equipment necessary to the upkeep of a recreation center.

Steps lead down from the building to the playground area. At the 38th Avenue (eastern) end, is a gravelled area on which will be placed slides, swings and other playground equipment. The balance of the space is paved, marked and equipped for one volleyball court, two tennis courts (doubles courts) and one basketball court in (from the eastern entrance) the order named.

Next to the western end of the building, and protected from the rectangular play area by twelve-foot fencing, is the small children's area where the tiny youngsters may play in their

sand boxes unendangered by chance balls.

The whole area is fenced on all sides, eight-foot standard chain link fence on the 38th Avenue side, twelve-foot fencing on 39th Avenue and the northern boundary line, and twenty-four-foot standard chain link backstop behind the various courts on the southern boundary.

The attendance records show an average of one hundred and fifty at this playground on Sundays and holidays, forty on week days. This speaks far more clearly than mere words, for the need of such a playground and its recognition by the community.

For some six or seven years, the City had planned to convert this area, which extends from 38th Avenue to 39th Avenue, near the corner of Fulton, into a playground and recreation center.

38TH AVE. AND FULTON PLAYGROUND

General view of completed playground. Before W. P. A. started, this was a sand dune on vacant city property. An eyesore to the immediate community and a great inconvenience due to the drifting sands.

Front view of Community Center Building newly constructed by W. P. A.

1701
65-3-1576
N-1337
4-23-37
USA
WORK
PROGRAM
WPA

1701
65-3-1576
N-1337
4-23-37
USA
WORK
PROGRAM

38TH AVE., AND FULTON PLAYGROUND

Interior of above building showing assembly room where indoor games and community plays and classes are held under the supervision of the Recreation Commission.

End elevation of Community Center Building.

USA
WORK
PROGRAM
WPA

USA
WORK
PROGRAM
WPA

WORKS PROGRESS ADMINISTRATION

CALIFORNIA

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AGRICULTURE ASSOCIATION BUILDING

Official Project Number	65-3-5482
Work Project Number	4556
Project Authorization	5-4
Location Symbol	03-614-38
Type of Work Symbol	1360
Appropriation Symbol	365027

OPERATING DIVISION

CONSTRUCTION UNIT

AREA NUMBER 7

NORTHERN DISTRICT
CALIFORNIA

AGRICULTURE ASSOCIATION BUILDING

FOUNDATIONS

Picture showing inspection of project by Hon. Frank Merriam, Governor of the State of California (in center), Hon. Angelo Rossi, Mayor of San Francisco (on left), and Frank Y. McLaughlin, former California State Administrator, Works Progress Administration.

AGRICULTURE ASSOCIATION BUILDING

FOUNDATIONS FOR ARENA

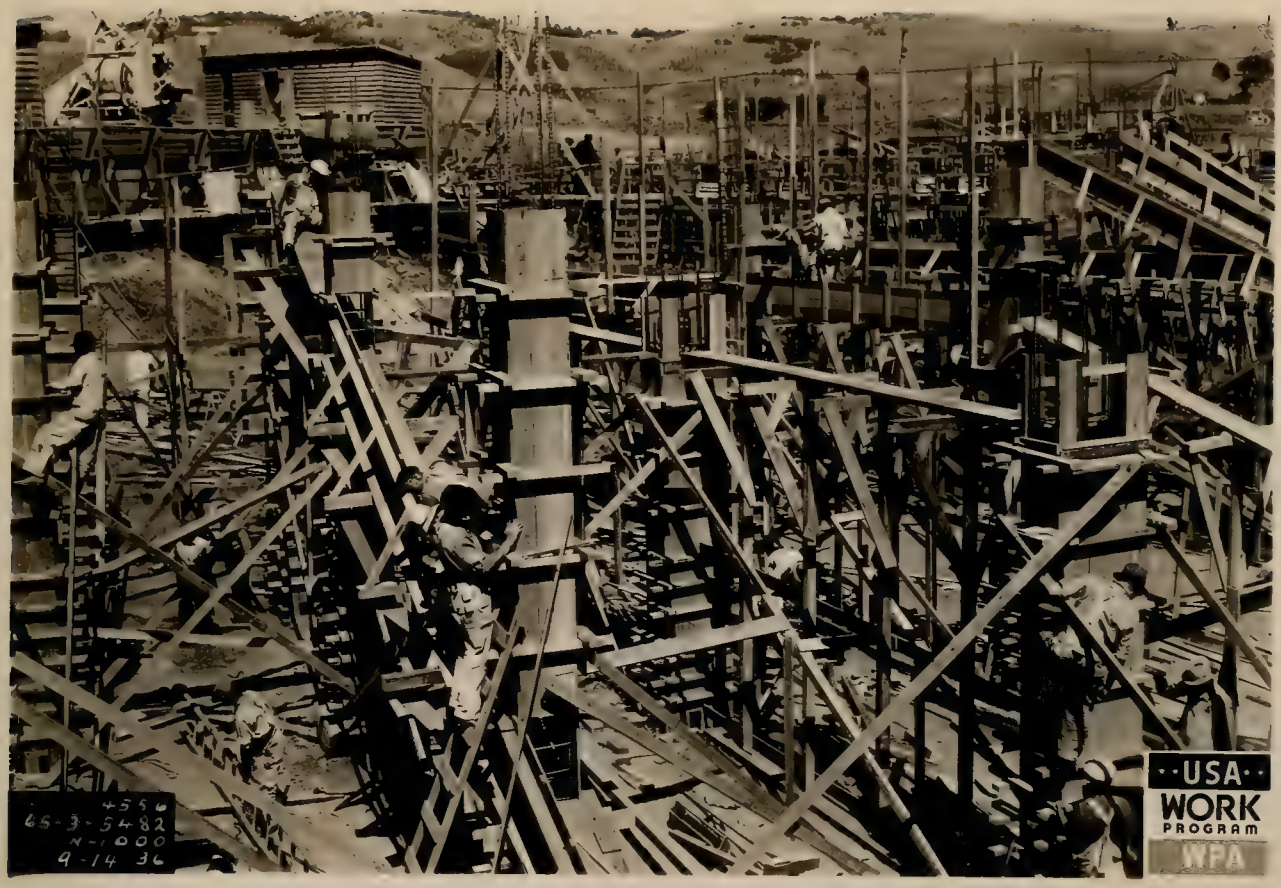
A project was submitted to the Works Progress Administration for the construction of the foundations, beams, and area walls for an arena, the size of which was 300 by 400 feet.

A Public Works Administration project was approved for the superstructure and a definite completion date set, for the W.P.A. work.

The foundations, etc., included the following:

12,000 cubic yards	- excavation
400,000 board feet	- lumber
5,500 cubic yards	- concrete
450 tons	- reinforcing steel
23 tons	- structural steel

This work was started July 10, 1936 and,all but the 2 ramps and some grading, was completed September 25, 1936. The pictures shown on the opposite page indicate the type of work performed.


4556
65-3-5482
N-1000
9-14 36
USA
WORK
PROGRAM
WPA

USA
WORK
PROGRAM
4556
65-3-5482
N-1009
4-21-36
USA
WORK
PROGRAM
WPA

WORKS PROGRESS ADMINISTRATION

CALIFORNIA

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STATE TEACHERS' COLLEGE

Official Project Number	65-3-43
Work Project Number	15
Project Authorization	236
Location Symbol	03-614-38
Type of Work Symbol	1134
Appropriation Symbol	056027-1

OPERATING DIVISION

CONSTRUCTION UNIT

AREA NUMBER 7

NORTHERN DISTRICT
CALIFORNIA

STATE TEACHERS COLLEGE

A new wing to the Science Building of the College was built by W. P. A. as one of the first building projects begun.

The State of California cooperated in every way both in supplying the materials pledged and in supervisory inspection by the State Architect's Office. The breakdown of the work in the main shows:

1. - Excavation	400 C.Y.
2. - Form Work	130,000 Board Feet
3. - Reinforcing Steel	135,000 Lbs.
4. - Concrete	1,140 C.Y.

5. - Electric, plumbing, plastering, millwork, file work, painting, roofing, etc.

The photographs shown on the opposite page indicate the scope of the work and character of the finished job.

1291
65-3-1594
N-573
USA
WORK
PROGRAM

15
65-3-43
N-1270
3-18-37
USA
WORK
PROGRAM
WPA

WORKS PROGRESS ADMINISTRATION

CALIFORNIA

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TELEGRAPH HILL PARK

Official Project Number	65-3-2014
Work Project Number	1689
Project Authorization	5-4
Location Symbol	03-614-38
Type of Work Symbol	2330
Appropriation Symbol	365027

OPERATING DIVISION

CONSTRUCTION UNIT

AREA NUMBER 7

NORTHERN DISTRICT
CALIFORNIA

TELEGRAPH HILL PARK

There is, in all probability, no other ancient landmark within the confines of the City and County of San Francisco that is so replete with historical traditions, so interwoven with the romance and progress of the district, which yet remains so much an integral part of the community in its every day life, as TELEGRAPH HILL. It rises to a height of 275 feet and still is just adjacent to the water front. The work accomplished on this project included:

Excavation	7,319	c.y. - rock
Footpaths	778	lin. ft.
Concrete Shoulder	100	c.y.
Rustic Masonry Retaining Walls	205	c.y.
Concrete Walls	62	c.y.
Metal Crib	1,000	sq. ft.
Water Lines	2,153	lin. ft.
Landscaping	29	large trees
Landscaping	10,500	small trees and shrubs

The rustic masonry retaining walls were so constructed that soil pockets were left for planting of decorative rock plants and vines. Now that the many shrubs, vines, and varicolored flowers and berries are growing and blooming, it is a most refreshing sight to see them in the natural red rock used in the wall construction.

TELEGRAPH HILL PARK

View showing Coit Memorial Tower. 90 percent of the landscaping shown was done by W. P. A.

View showing completed unit, landscaping, road work, gutters, rustic walls, etc.

N-733
USA
WORK
PROGRAM
WPA

1689
65-3-2014
N-1274
3-22-37
USA
WORK
PROGRAM
WPA

The photographs shown on the opposite page present the walls in construction. The pedestrian path is on a lower level than the road so that it does not interfere with the view of the motorists as they drive up the boulevard to the top where a magnificent marine view is obtained, fronted by the landscaping work.

1689
65-3-2014
N-12
3-22-
USA
WORK
PROGRAM

N-732
USA
WORK
PROGRAM
WPA

TELEGRAPH HILL PARK

View showing construction of natural red rock masonry retaining wall. Artistically placed with soil pockets for various types of rock and clinging vine plants.

View showing completed masonry wall immediately after planting seedlings.

1689
65-3-2014
N-254
USA
WORK
PROGRAM
WPA

USA
WORK
PROGRAM
WPA

WORKS PROGRESS ADMINISTRATION

CALIFORNIA

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GLENN PARK RECREATION CENTER

Official Project Number	65-3-1581
Work Project Number	1703
Project Authorization Advice	236
Location Symbol	03-614-38
Type of Work Symbol	1145
Appropriation Symbol	056027 -1

OPERATING DIVISION

CONSTRUCTION UNIT

AREA NUMBER 7

NORTHERN DISTRICT
CALIFORNIA

GLENN PARK RECREATION CENTER

This project comprised the building of a modern recreational center wherein the immediate community could be served for:

1- Indoor recreation such as games, gymnasium activities, and other sports.

2- Little theatre enterprises, participated in by the children of the community and carried on under the supervision of the Recreation Commission.

3- Moving pictures for the instruction and pleasure of the children, during inclement weather.

4- A place for recreation in the evenings.

The photographs on the opposite page present clearly the type of construction effected by the project in order to accommodate a congested area.

1703
65-3-1581
N-130
5-17-36
USA
WORK
PROGRAM
WPA

7668
465-03-2-116
N-1727
1-26-38
USA
WORK
PROGRAM
WPA

GLEN PARK RECREATION CENTER

Interior view showing Auditorium. Note moving picture accomodations and large fireplace on right. Photo taken from stage.

View showing completed building, landscaping work in progress.

EXIT
7668
465-03-2-116
N-1728
1-26-38
USA
WORK
PROGRAM
WPA

7668
465-03-2-116
N-1729
1-26-38
USA
WORK
PROGRAM
WPA

WORKS PROGRESS ADMINISTRATION

CALIFORNIA

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GOLDEN GATE PARK

TENNIS COURTS

Official Project Number	65-3-2014
Work Project Number	3718
Project Authorization Advice	236
Location Symbol	03-614-38
Type of Work Symbol	1310
Appropriation Symbol	065027-1

OPERATING DIVISION

CONSTRUCTION UNIT

AREA NUMBER 7

NORTHERN DISTRICT
CALIFORNIA

GOLDEN GATE PARK

TENNIS COURTS

The battery of nineteen tennis courts in Golden Gate Park was constructed a great many years ago and, at one time, was the only free tennis court area available for public use.

From time to time, patch jobs of maintenance were done until, eventually, the playing area became considerably out of shape. In addition, the roots of trees surrounding the courts grew to such a size that they raised ridges in them.

An entire new court surface had to be placed and, by widening the area and decreasing the space between courts, two additional courts were obtained. This made a total of twenty-one doubles courts; previously, several of the courts were singles, only.

Photographs of a portion of this battery are shown on the opposite page.

5480
65-03-731
N-781
12-15-37
USA
WORK
PROGRAM

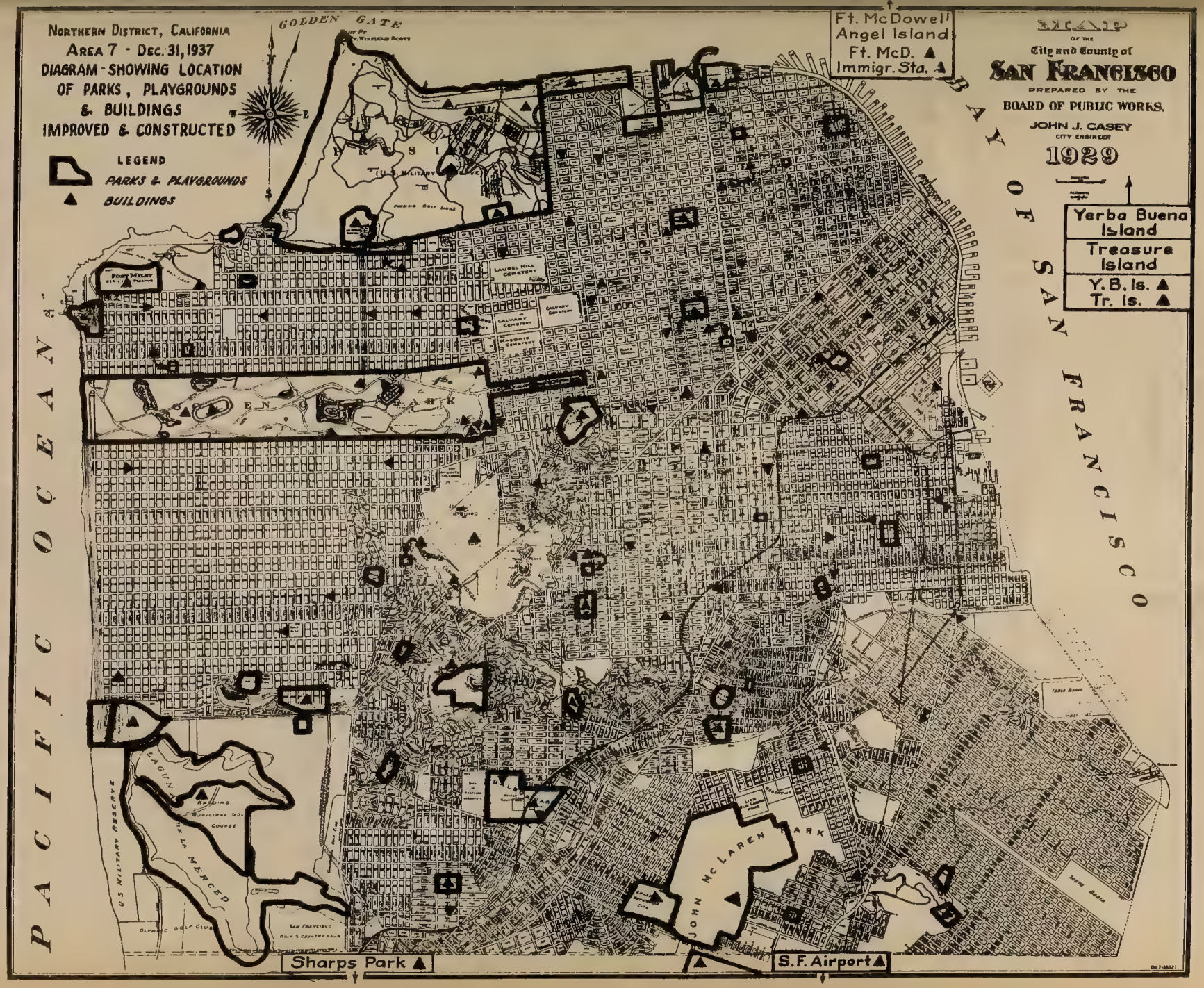
5480
65-03-731
N-782
12-15-37
USA
WORK
PROGRAM
WPA

PARK, PLAYGROUND
and
BUILDING ACTIVITIES

On the opposite page is shown a map of the City and County of San Francisco which presents a pictorial description of the locations of the various parks, playgrounds, and building projects constructed entirely, or improved, by the Works Progress Administration.

The parks and playgrounds are designated by a solid border outline; the building units, by a solid triangular outline.

By scrutinizing this map, one may readily see the diversification of the various locations and that W.P.A. activities have been carried on in every area within the confines of the City and County of San Francisco - not limited to any few locations or communities.


NORTHERN DISTRICT, CALIFORNIA
AREA 7 - DEC. 31, 1937
DIAGRAM - SHOWING LOCATION OF PARKS, PLAYGROUNDS & BUILDINGS IMPROVED & CONSTRUCTED
LEGEND
PARKS & PLAYGROUNDS
BUILDINGS
GOLDEN GATE
Ft. McDowell
Angel Island
Ft. McD.
Immigr. Sta.
MAP
OF THE
City and County of
SAN FRANCISCO
PREPARED BY THE
BOARD OF PUBLIC WORKS.
JOHN J. CASEY
CITY ENGINEER
1929
Yerba Buena Island
Treasure Island
Y. B. Is.
Tr. Is.
BAY OF SAN FRANCISCO
PACIFIC OCEAN
U.S. MILITARY RESERVE
LAGUNA DE LA MERCED
JOHN McLAREN PARK
Sharps Park
S.F. Airport

PHYSICAL ACCOMPLISHMENT CHART
of
CONSTRUCTION UNITS

The following set of graphs shows the estimated quantities of various items on all construction projects completed and now operating.

It shows the work in two classes:

New construction (marked "N")
Rehabilitation (marked "R")

The heavy line is drawn to the exact percentage of each type of work completed up to December 31, 1937.

A study of this chart will determine the real accomplishments of our program in San Francisco and will, undoubtedly, be extremely revealing to the citizen interested in informing himself.

The antedated belief that W.P.A. is "manufactured work" and "leaf raking" has long since been dispelled in this community; San Franciscans have grown to realize that W.P.A. is giving outstanding services to the city -- in work and sustenance for the unemployed and in lasting, necessary improvements to the community.

NORTHERN DISTRICT-CALIFORNIA
AREA 7 - SAN FRANCISCO.

WORKS PROGRESS ADMINSTRATION

PHYSICAL ACCOMPLISHMENT CHART

BASED ON ITEMS SHOWN ON FEDERAL FORM 709
AS OF JANUARY 1, 1938.

100% REPRESENTING ALL CONSTRUCTION WORK DONE OR CONTEMPLATED TO BE DONE SINCE BEGINNING OF W.P.A.

"N" DENOTES NEW WORK OR ADDITIONS TO EXISTING IMPROVEMENTS.
"R" DENOTES RENOVATION OR REHABILITATION.

PHYSICAL ACCOMPLISHMENT CHART.

Percentage

			10 20 30 40 50 60 70 80 90 100	
3 Landing Fields		551 Acres		R
Runways	6,000 Lin. Ft. 128,000 Sq. Yd.			R
2 Bridge Approaches		2,300 Lin. Ft.		R
8 Bridges		315 Lin. Ft.		N
Administrative	2	744 Sq. Ft.		N
Buildings	35	240,662 Sq. Ft.		R
Auditorium		207,444 Sq. Ft.		R
Stables and	14	1,286,740 Cu. Ft.		N
Animal Dens	1	105,000 Cu. Ft.		R
Community	33	42,374 Sq. Ft.		N
Buildings	6	12,782 Sq. Ft.		R
Dormitories	12	160,034 Sq. Ft.		R
Fire Houses	48	4,523,240 Cu. Ft.		R

PHYSICAL ACCOMPLISHMENT CHART.

Percentage

Page #2

			10 20 30 40 50 60 70 80 90 100	
Garages	16	25,600 Cu. Ft.		N
Garages	1	58,240 Cu. Ft.		R
Hospital	1	490,000 Sq. Ft.		R
Jails	2	162,000 Sq. Ft.		R
Institutional Bldgs	10	564,000 Sq. Ft.		R
School	1	11,500 Sq. Ft.		R
Library	1	2,366 Sq. Ft.		R
Recreational	6	233,600 Sq. Ft.		N
Buildings	2	45,000 Sq Ft		R
Stadiums and	22	94,650 Seats		N
Grandstands	1	4,000 Seats		R
Bulkheads		1,067 Lin. Ft.		N
Levees		2,563 Cu. Yd.		N.

PHYSICAL ACCOMPLISHMENT CHART.

Percentage

			10 20 30 40 50 60 70 80 90 100	
Warehouses	5	311,000 Cu. Ft.		N
"	1	85,360 Cu. Ft.		R
Railroad Track		4,693 Lin. Ft.		N
Culverts	258	14,634 Lin. Ft.		N
Irrigation Pipe	463 Acres	4,925 Lin Ft.		N
Curbs		73,979 Lin. Ft.		N
"		12,800 Lin. Ft.		R
Ditch Drainage		7,592 Lin. Ft.		N
Pipe Drainage		74,102 Lin. Ft.		N
Dredging	Depth 10 Ft.	180,000 Cu. Yds.		N
Grading		29.6 Acres		N
Fencing		75,791 Lin. Ft.		N
"		3,163 Lin. Ft.		R

PHYSICAL ACCOMPLISHMENT CHART

Percentage

Page #4

			10 20 30 40 50 60 70 80 90 100	
Excavation		2,257,137 Cu. Yds.		N
Fill		920,920 Cu. Yds.		N
Fire Trails		8,000 Lin. Ft.		N
Pumping Stations 2 Cubic Seconds		1 (one)		N
Ornamental Pools		3		N
Casting Pools	4	40,000 Sq. Ft.		N
Gas Line Laid		1,544 Lin. Ft.		N
Outside Lighting		189 Each		N
Guard Rails		27,150 Lin. Ft.		N
Guard Walls		2,300 Lin. Ft.		N
Paved Gutters		60,829 Lin. Ft.		N
Paved Gutters		2,640 Lin. Ft.		R

PHYSICAL ACCOMPLISHMENT CHART.

Percentage

			10 20 30 40 50 60 70 80 90 100	
Hard Surface		33,676 Lin. Ft.		N
Highway		180,748 Lin. Ft.		R
Secondary		70,034 Lin. Ft.		N
Highway		54,177 Lin. Ft.		R
Shoulders		7,715 Lin. Ft.		N
Shoulders		27,760 Lin. Ft.		R
LANDSCAPING 1. Around Bldgs.	62	86.7 Acres		N
2. Highways		13.2 Miles		N
3. Public Parks	7	281.5 Acres		N
4. Public Parks	30	1,437.4 Acres		R
Paving-other		98,518 Sq. Yds.		N
than Roads		2,270 Sq. Yds.		R
Ath. letic Field	22			N
Ath letic Field	6			R
Tennis Courts	40			N
Tennis Courts	31			R

PHYSICAL ACCOMPLISHMENT CHART.

Percentage

			10 20 30 40 50 60 70 80 90 100	
Band Stand				N
Golf Course		189 Acres		R
Horseshoe Courts		27 Each		N
Bowling Greens		2 Each		N
Playgrounds		2 Each		N
" "		3 Each		R
Retaining Walls		20,056 Cu. Yds.		N
Rip-Rap		316 Cu. Yds.		N
Slopes & Berms		312,440 Sq. Ft.		N
" "		275,380 Sq. Ft.		R
Paved Sidewalks		28,841 Lin. Ft.		N
" "		8,240 Lin. Ft.		R
Unpaved Sidewalks		71,484 Lin. Ft.		N
" "		62,942 Lin. Ft.		R

PHYSICAL ACCOMPLISHMENT CHART.

		Percentage 10 20 30 40 50 60 70 80 90 100	
Trunk Sewers	88,787 Lin. Ft.		N
Manholes & Catch Basins	538 Each		N
Lateral Sewers	19,769 Lin. Ft.		N
" "	3,300 Lin. Ft.		R
Underground Electric Lines	18,700 Lin. Ft.		N
" "	2,920 Lin. Ft.		R
Telephone Line	8,000 Lin. Ft.		N
Tunnel	178 Lin. Ft.		N
Water Lines	173,019 Lin. Ft.		N
" "	26,074 Lin. Ft.		R
Reservoir	50,000 Gallons		N
Sacking Split Wood	2,495 Cords		N

EXPENDITURE CHART of CONSTRUCTION UNITS

The following set of graphs will show the percentage relations between Federal and Sponsor expenditures on construction projects in San Francisco.

The graph shows:

1- The percentage of Federal funds granted in relation to the estimated cost of the whole project
2- The percentage of Federal funds expended up to December 31, 1937
3- The percentage of Sponsor's funds pledged in relation to the estimated cost of the whole project
4- The percentage of Sponsor's funds expended in relation to the amount pledged up to December 31, 1937
5- The amount of Sponsor's funds expended in addition to the amount pledged

This chart is posted monthly by the Area Supervisor of Operations so he may have a graphic record of the expenditure of funds and can, so far as is practicable, maintain a balance between the Federal and Sponsor expenditures. Many of the Sponsor's contributions, such as co-sponsor's funds, materials and equipment in kind, and partial time furnished by regular employees, are hidden. These are not reported regularly because the various departments of the Sponsor must file reports with the coordinator of the Sponsor before he can send in a Sponsor's certificate. A new procedure has just been put into effect whereby the project will report the Sponsor's expenditures as soon as materials or services are received on the project. This will be of great assistance in maintaining the percentage

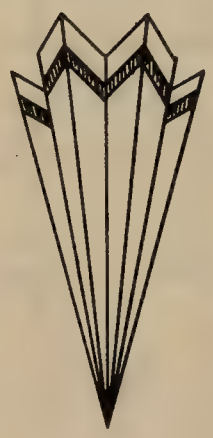
balance.

The graphs are maintained in groups and reflect the projects operated under the supervision of the various departments of the City government. Thus, we are able to determine the funds expended for Parks, Playgrounds, Street Improvements, Buildings, etc.

A recapitulation of all construction projects is shown, also.

NORTHERN DISTRICT - CALIFORNIA
AREA 7 - SAN FRANCISCO

COSTS REGISTER of CONSTRUCTION·PROJECTS



UPPER BOX SHOWING % PLEDGE FULFILLED.
LOWER BOX SHOWING % MONEY PLEDGED AND SPENT IN RELATION TO WHOLE PROJECT.

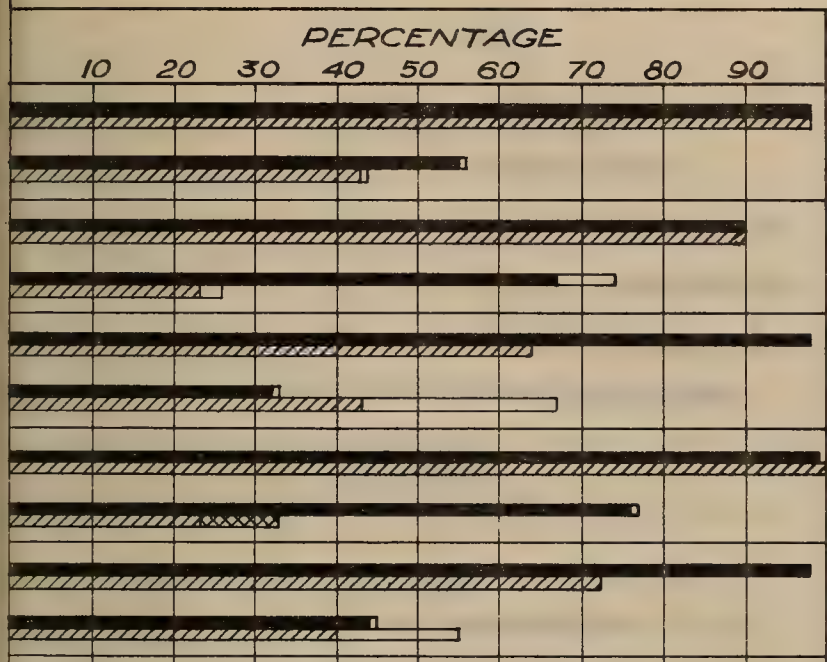
INDICATING W.P.A. FUNDS.

INDICATING SPONSOR FUNDS.

INDICATING OVER EXPENDITURE.

STATE PROJECTS

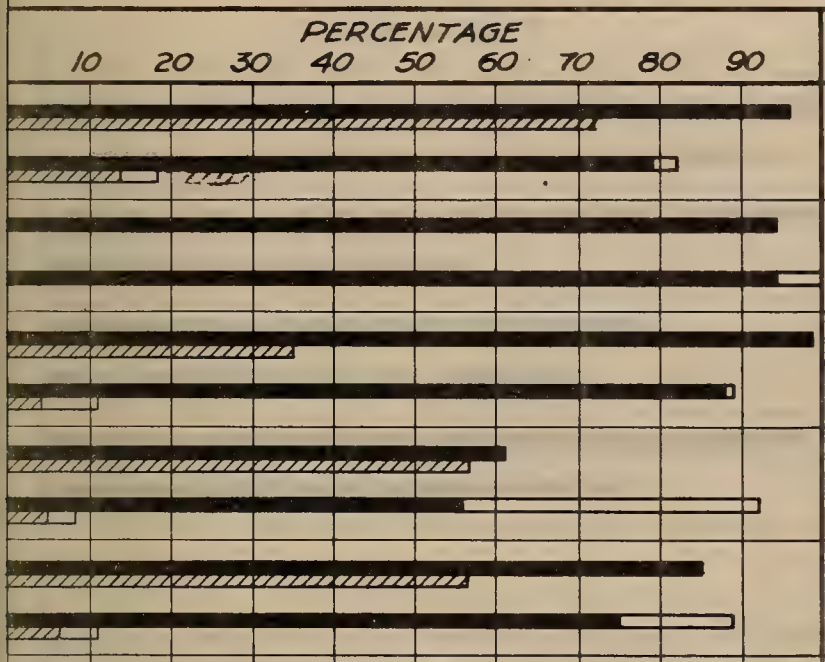
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
State Teachers College	15	W.P.A.	10,410	10,188
		Spon.	8,163	8,022
State Building	41	W.P.A.	8,011	7,212
		Spon.	2870	2,567
State Teachers College	1291	W.P.A.	30,020	29,592
		Spon.	60,383	38,430
Yerba Buena Island	2752	W.P.A.	12,365	11,906
		Spon.	3,640	5,159
All State Projects Combined		W.P.A.	60,806	58,898
		Spon.	75,056	54,178

SAN FRANCISCO SERVICE PROJECTS

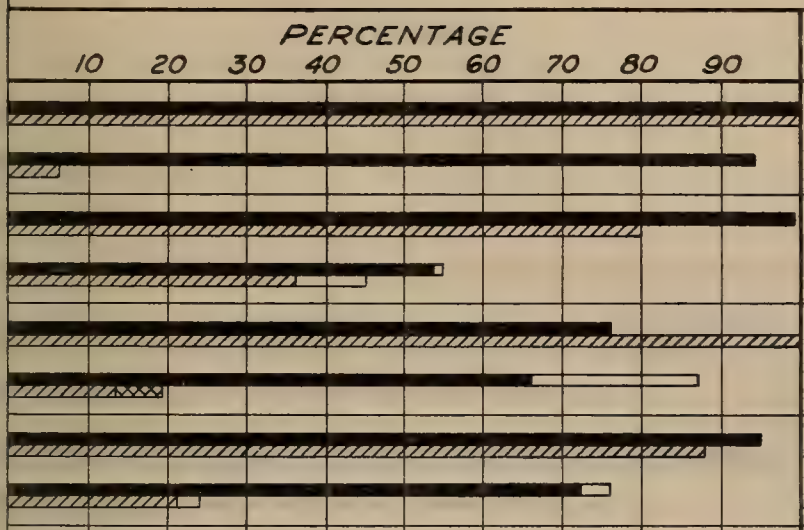
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No	BY	PLEDGED	EXPEND.
Cabinet Shop	526	W.P.A.	39,932	38,636
		Spon.	9,268	6,677
Sutro Forest Fuel Supply	1649	W.P.A.	22,146	20,704
		Spon.	0	0
Sutro Forest Fuel Supply	5821	W.P.A.	51,550	51,168
		Spon.	5,900	2,036
Cabinet Shop	6146	W.P.A.	56,904	34,770
		Spon.	4,753	2,736
All S.F. Service Combined	W.P.A.		170,532	145,278
	Sponsor		19,921	11,449

BOARD OF EDUCATION

AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
COMMERCE ATHELETIC FIELD	1499	W.P.A.	27,437	27,414
		Spon.	1825	1824
GALILEO HIGH SCHOOL	6250	W.P.A.	17,859	17,578
		Spon.	14,386	11,567
GALILEO HIGH SCHOOL	7553	W.P.A.	10,638	8095
		Spon.	1605	2207
ALL BOARD OF ED. COMBINED		W.P.A.	55,934	53,087
		Spon.	17,816	15,598

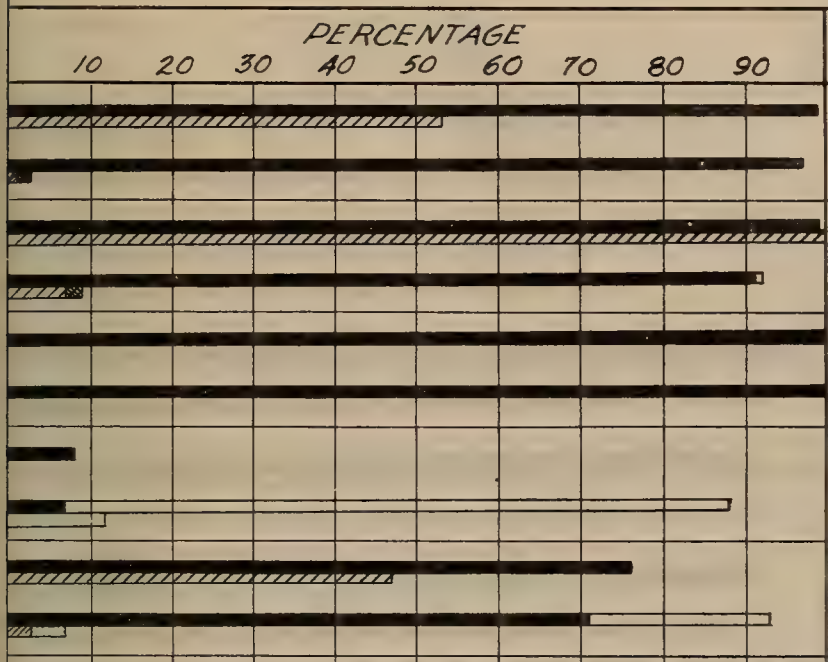
PUBLIC UTILITIES

AS OF DECEMBER 31, 1937.

PERCENTAGE 10 20 30 40 50 60 70 80 90	PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
	"L" Car Line Extension	4811	W.P.A.	73,295	52,715
			Spon.	25,398	23,009
	Municipal Airport	6545	W.P.A.	13.487	7,138
			Spon.	0	0
	Municipal Airport	6683	W.P.A	359,322	355,546
			Spon.	109,843	109,232
	All Public Utilities combined		W.P.A.	446,104	415,399
			Spon.	135,241	132,241
This project operated under Area 9 transferred to Area 7 with approximately 1% of its funds unencumbered	Municipal Airport	1727	W.P.A		1,828,559
			Spon.		174,384

AGRICULTURAL ASSOCIATION

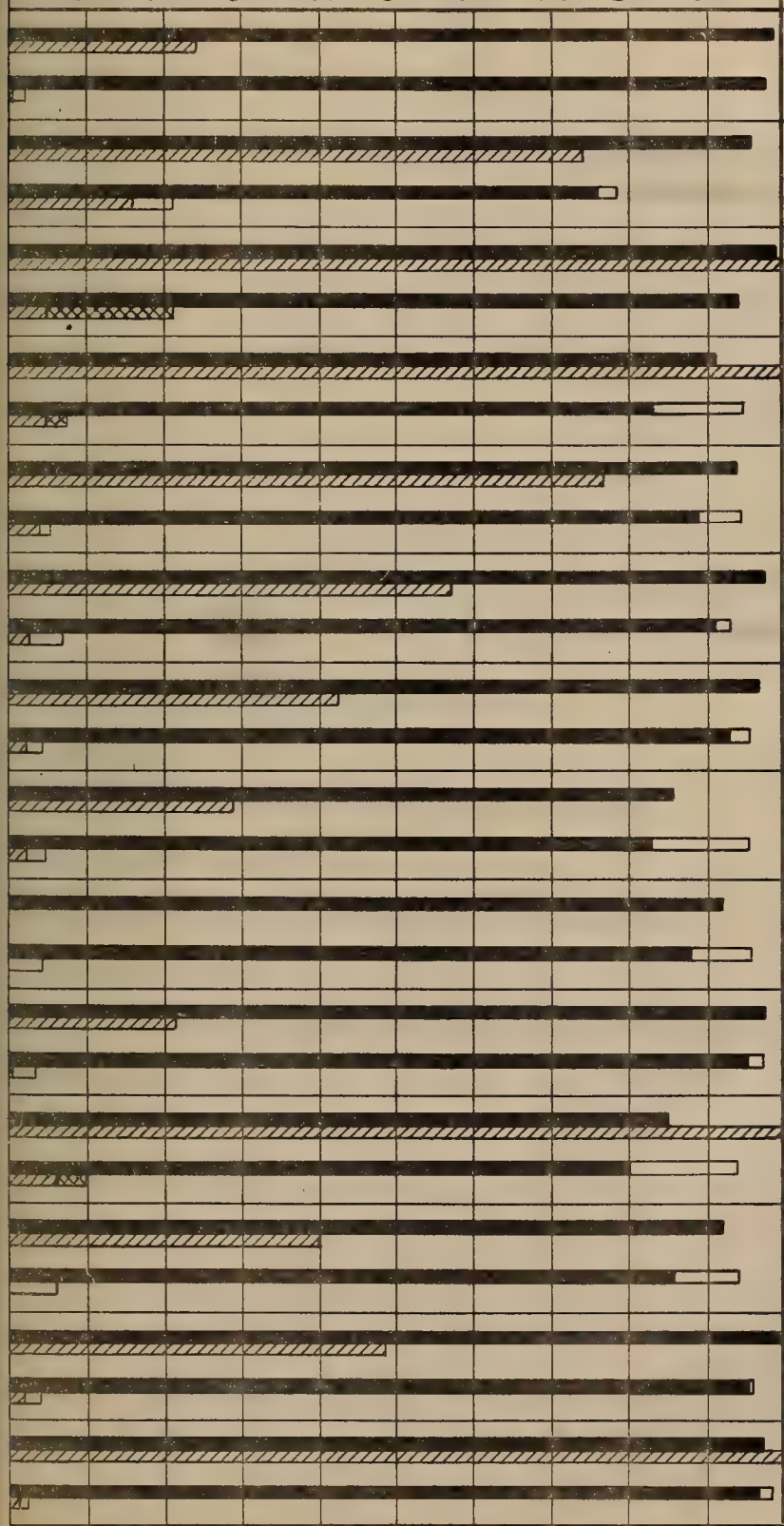
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
Cow Palace	1972	WPA	325,072	323,232
		Spon	9,000	4,741
Cow Palace	4556	WPA	239,363	238,875
		Spon	19,419	21,103
Cow Palace	7651	WPA	18,335	18,275
		Spon	0	0
Cow Palace	8220	WPA	199,955	16,524
		Spon	26,475	0
Total		WPA	782,725	596,906
		Spon	54,894	25,844

BOARD OF PUBLIC WORKS

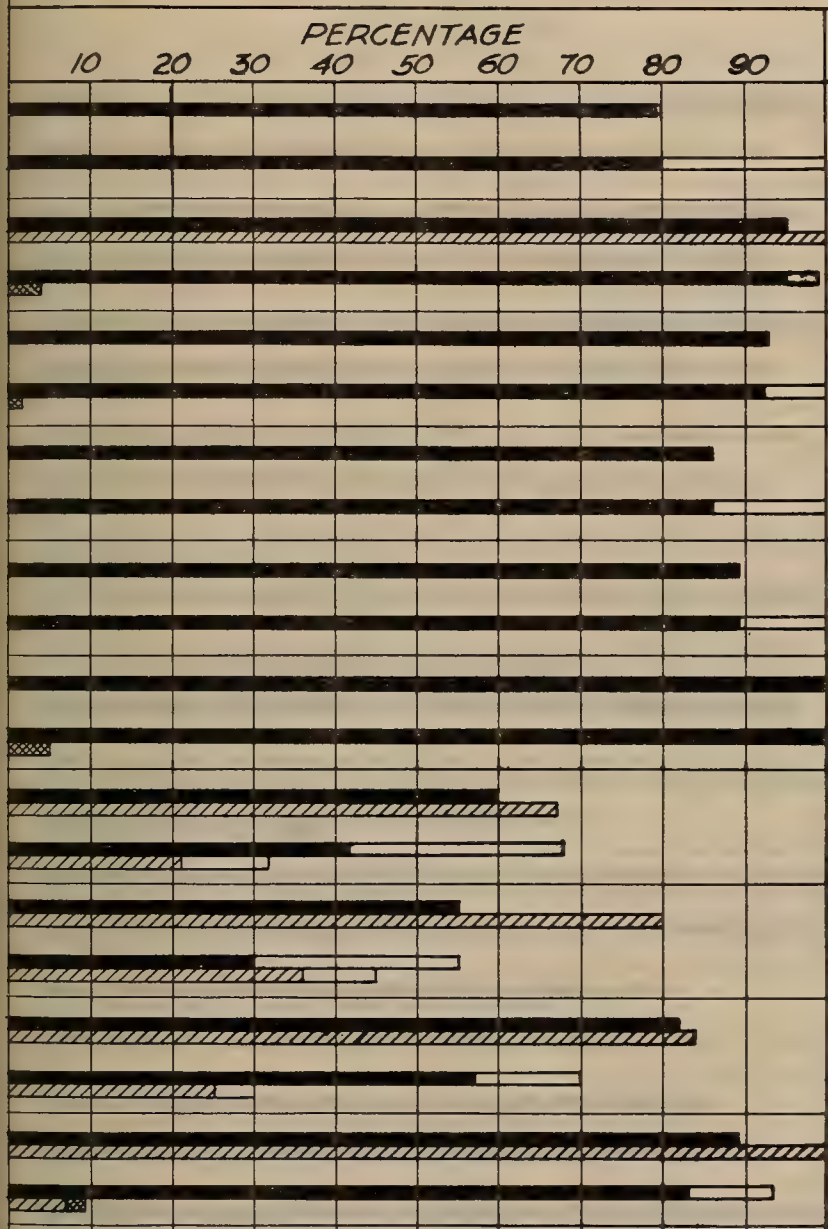
AS OF DECEMBER 31, 1937.



PROJECTS	W.P. No.	BY	Pledged	Expended
Lake Merced Grading	782	W.P.A.	702,599	701,755
		SPON.	12,207	2,898
California Street	784	W.P.A.	45,907	44,177
		SPON.	12,154	8,948
Lake Merced Rocking	1154	W.P.A.	208,571	207,623
		SPON.	12,207	46,873
O'Shaughnessy Boulevard	1202	W.P.A.	224,866	204,617
		SPON.	12,207	17,534
Park Stables	1699	W.P.A.	53,044	49,857
		SPON.	3,049	2,380
Fire Houses	1702	W.P.A.	75,908	74,745
		SPON.	5,190	2,949
Silver Avenue	1849	W.P.A.	18,010	17,435
		SPON.	760	337
Brunswick Street	1850	W.P.A.	8,406	7,276
		SPON.	395	113
Merrie Way Esplanade	1851	W.P.A.	8,688	7,996
		SPON.	350	0
O'Shaughnessy Extension	1852	W.P.A.	66,989	65,782
		SPON.	1,650	345
Streets & Sidewalks	1891	W.P.A.	3,311,740	2,815,543
		SPON.	200,000	328,854
St. Joseph Avenue	1922	W.P.A.	12,827	11,836
		SPON.	840	0
Duncan Street	1923	W.P.A.	29,842	29,781
		SPON.	1,040	498
Fire Houses	1932	W.P.A.	581,669	572,986
		SPON.	6,000	10,783

BOARD OF PUBLIC WORKS

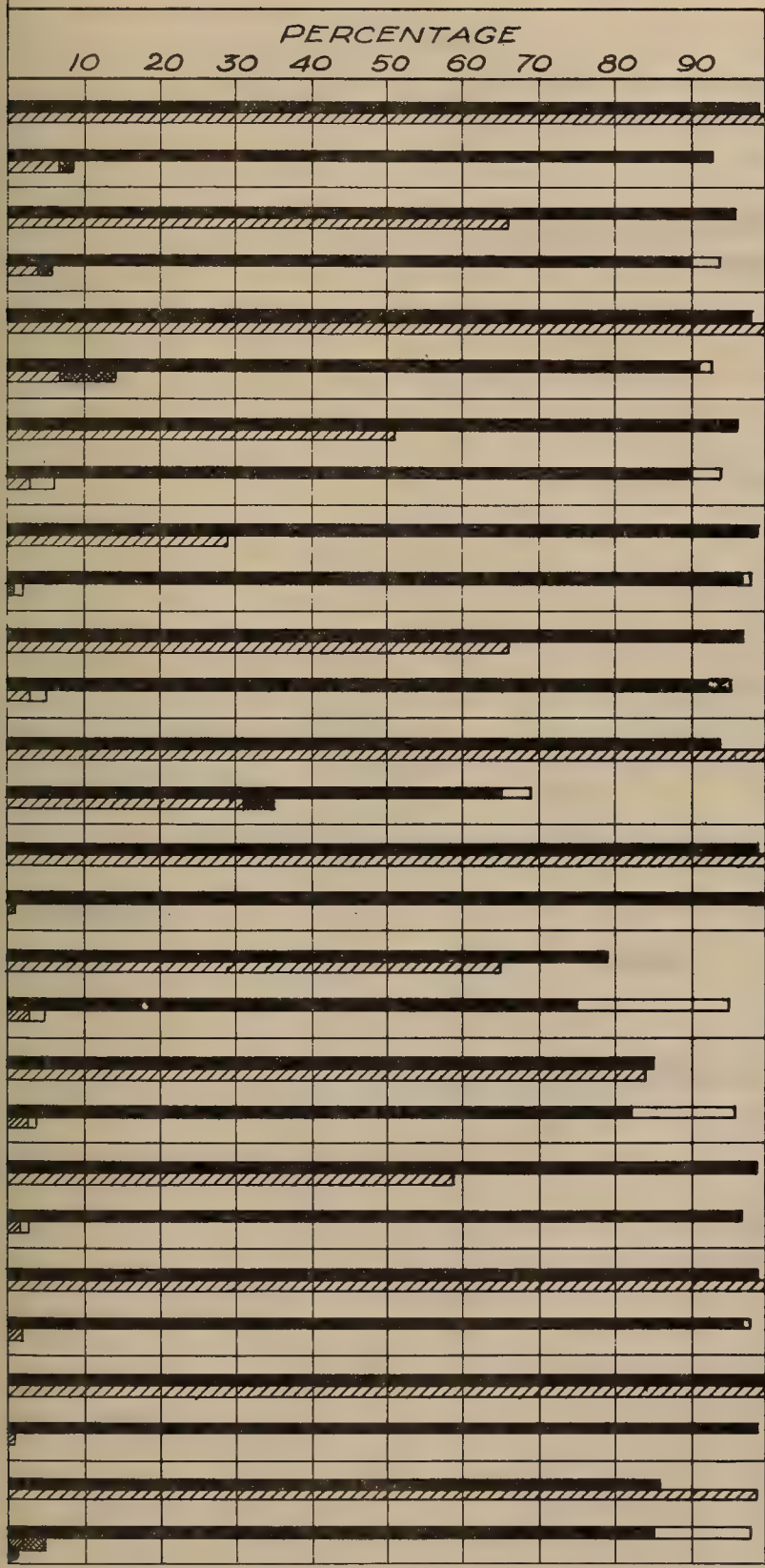
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
Police Stations	1933	W.P.A.	16,388	12,941
		Spon.	0	0
Clarendon Avenue	2459	W.P.A.	41,921	39,965
		Spon.	390	1,341
Hall of Justice	3481	W.P.A.	87,344	81,043
		Spon.	0	1,281
Coroner's Office	3550	W.P.A.	31,880	27,447
		Spon.	0	0
Bernal Heights	3678	W.P.A.	50,571	44,704
		Spon.	0	0
Civic Auditorium	3681	W.P.A.	94,400	94,126
		Spon.	0	5,153
Grand Stands	5197	W.P.A.	159,710	95,120
		Spon.	75,000	50,208
Geneva Avenue	6483	W.P.A.	61,300	33,927
		Spon.	50,824	40,403
Street Decorations	6861	W.P.A.	96,674	78,248
		Spon.	41,349	34,762
All B.P.W. Projects Combined	W.P.A. Sponsor		5,989,254	5,318,970
			435,667	555,660

PARK COMMISSION

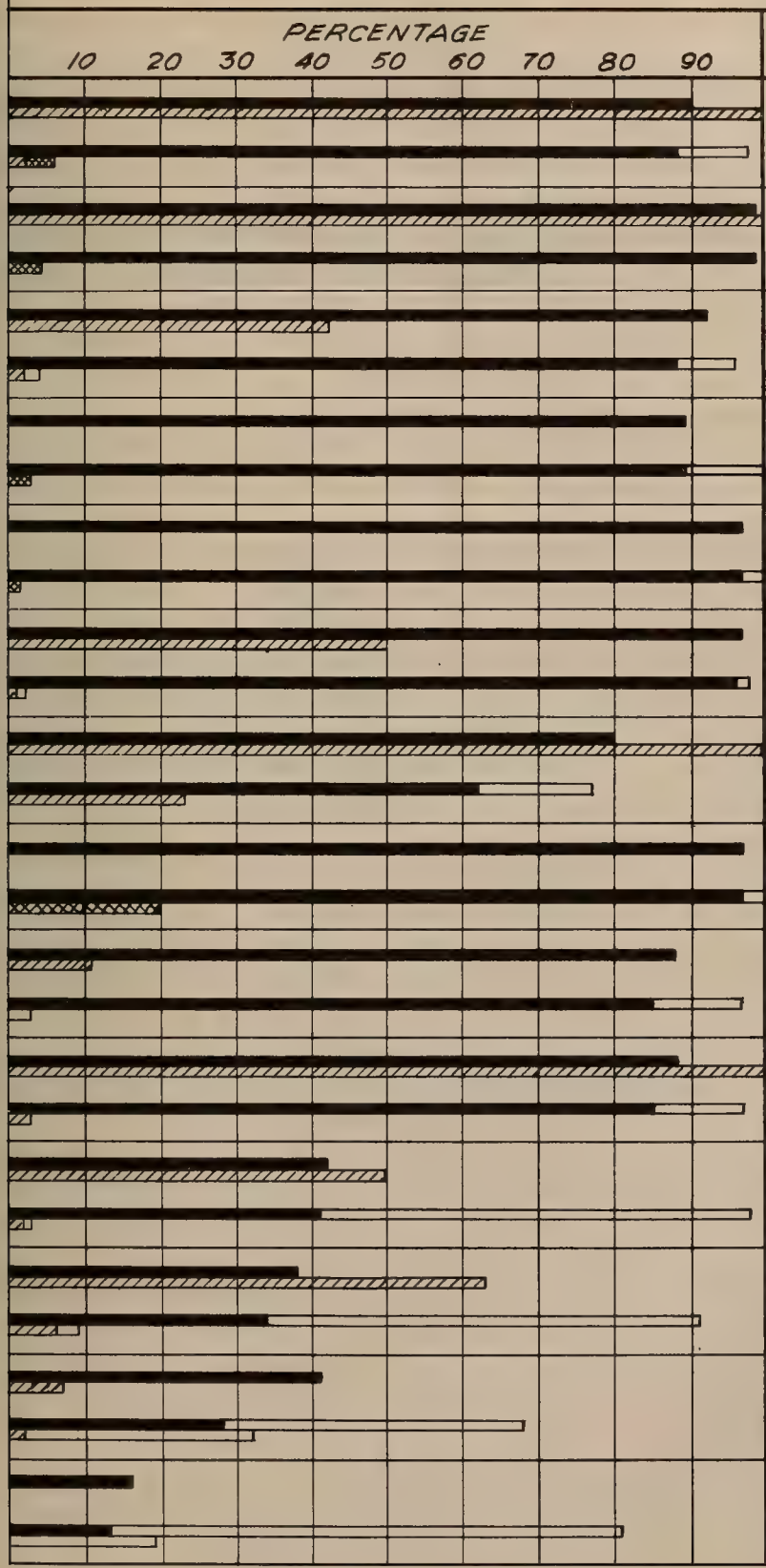
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
McLaren Park	783	W.P.A.	165,093	164,510
		Spon.	12,207	14,448
Buena Vista	1152	W.P.A.	96,654	92,307
		Spon.	6,079	4,022
The Zoo	1153	W.P.A.	581,619	568,804
		Spon.	42,737	82,827
De Young Museum	1197	W.P.A.	147,692	141,722
		Spon.	10,579	5,367
Horseshoe Courts	1688	W.P.A.	15,512	15,361
		Spon.	450	130
Telegraph Hill	1689	W.P.A.	40,936	39,713
		Spon.	2,000	1,315
Sharps Park	1690	W.P.A.	21,975	20,609
		Spon.	9,850	10,708
Golden Gate Park	1693	W.P.A.	317,217	317,215
		Spon.	876	1,407
Kezar Pavilion	1700	W.P.A.	33,180	26,198
		Spon.	1,960	1,277
Inspiration Point	1705	W.P.A.	17,469	14,839
		Spon.	777	652
Harding Park	1924	W.P.A.	32,861	32,622
		Spon.	896	533
Kezar Stadium	1925	W.P.A.	133,486	131,907
		Spon.	2,545	2,533
Bay View Park	1926	W.P.A.	131,540	131,462
		Spon.	1,075	1,075
Golden Gate Park Roads	2106	W.P.A.	50,805	43,664
		Spon.	895	2,327

PARK COMMISSION

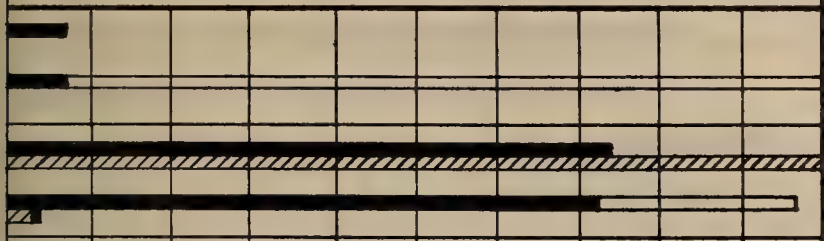
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
Aquatic Park	2175	WPA	1,177 887	1,065 245
		Spon	17 000	59 081
G.G. Park Drives	2176	WPA	549 991	549 520
		Spon	3 345	28 626
Mount Davidson	2524	WPA	77 653	71 365
		Spon	2 800	1 172
Five Parks	3048	WPA	1,784 134	1,570 372
		Spon	0	54 705
Convenience Stations	3478	WPA	54 500	52 660
		Spon	0	467
Lafayette Square	3539	WPA	31 675	30 874
		Spon	622	309
Harding Boulevard	3679	WPA	50 500	40 472
		Spon	14 970	15 164
G.G. Park Tennis Courts	3718	WPA	22 016	21 442
		Spon	0	4 078
Marina Sea Wall	3932	WPA	119 536	105 670
		Spon	4 000	451
Park Meadows	4415	WPA	500 284	439 611
		Spon	15 000	15 753
Park & Beach Improvements	5480	WPA	1,218 646	508 340
		Spon	27 998	13 992
Landscaping Public Parks	5839	WPA	365 620	139 396
		Spon	35 435	22 278
Park-Presidio Bypass	6771	WPA	118 593	48 509
		Spon	55 312	3 769
Childrens Area	8248	WPA	34 302	5 215
		Spon	8 406	0

PARK COMMISSION

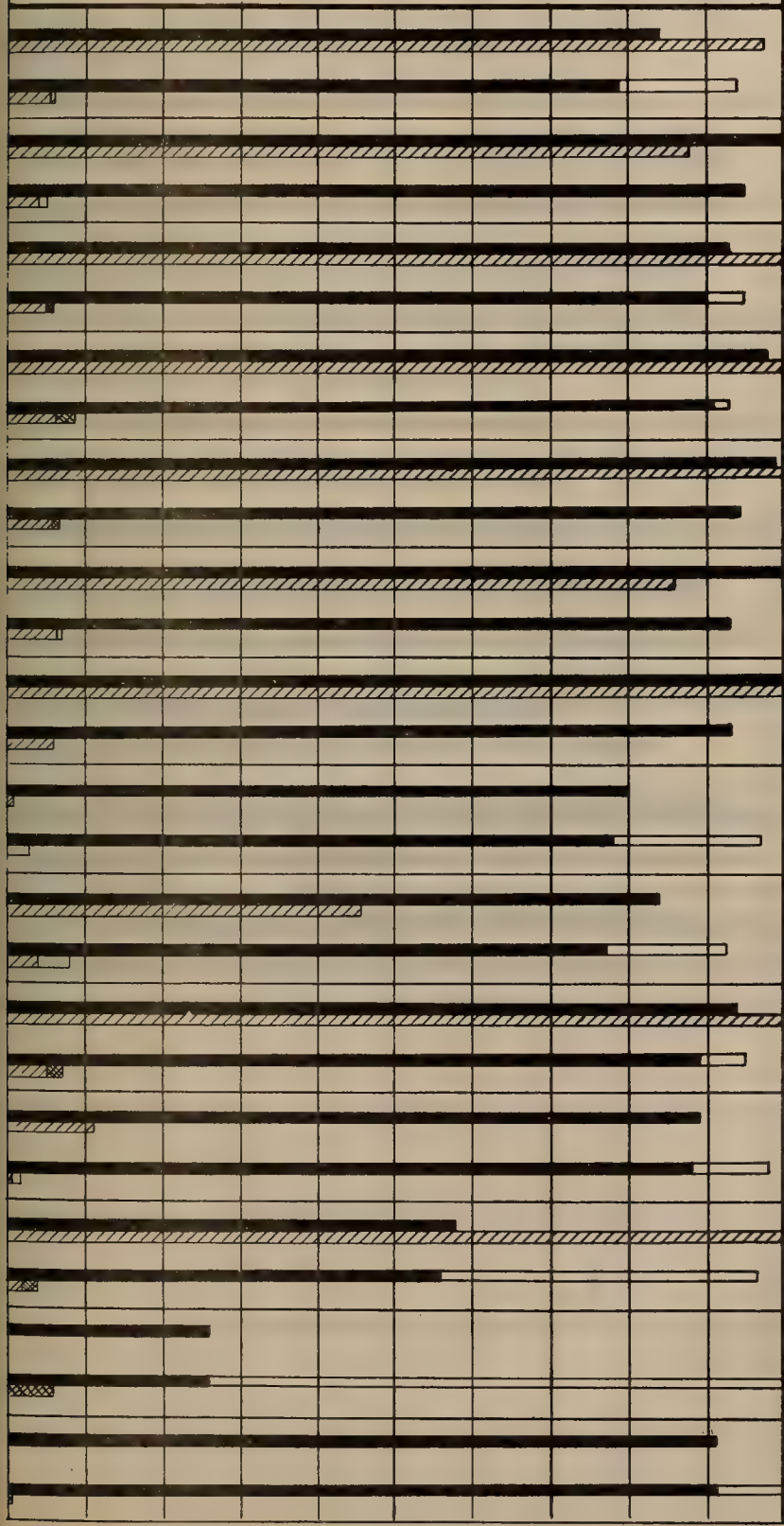
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
Landscaping & Construct. Buildings	8314	W.P.A.	861,423	61,972
		Spon.	0	0
All Park projects Combined		W.P.A.	8,752,799	6,451,596
		Spon.	277,814	348,466

RECREATION COMMISSION

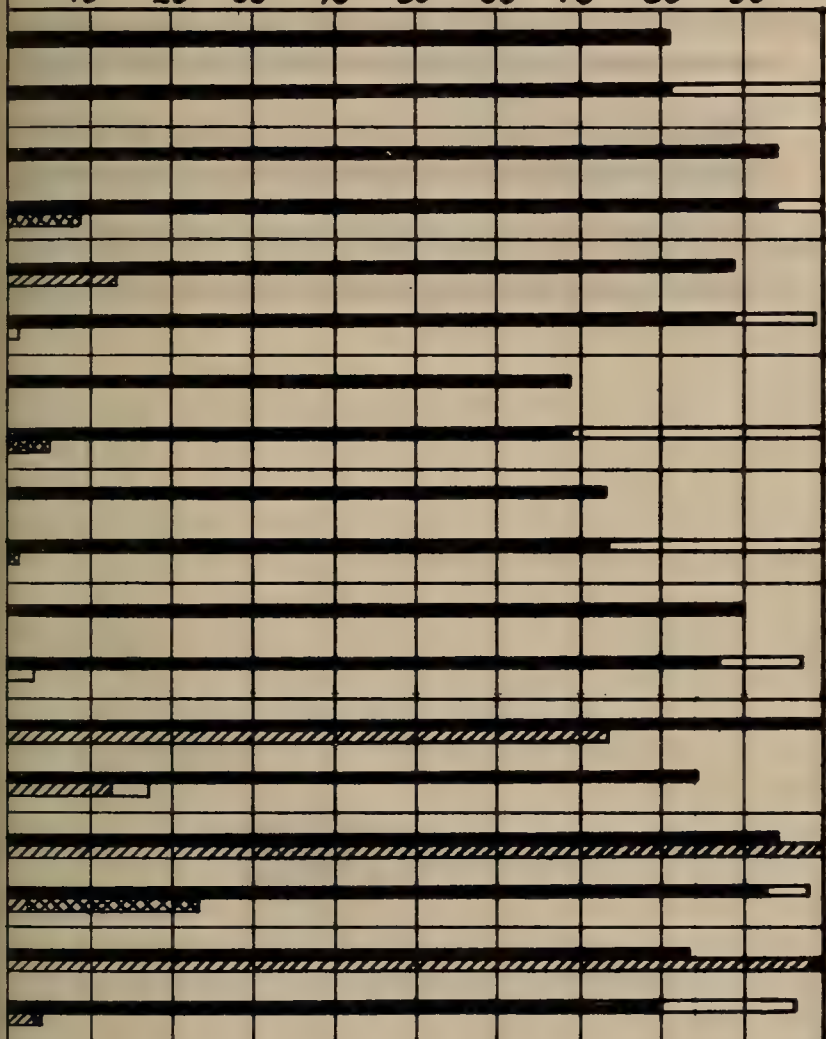
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
Sigmund Stern	1030	WPA	102,273	86,010
		Spon	7,160	6,922
Playground Survey	1031	WPA	33,351	33,089
		Spon	1,973	1,744
Crocker Amazon	1151	WPA	195,611	182,078
		Spon	8,993	9,801
Ingleside Jailsite	1198	WPA	176,057	172,522
		Spon	12,714	16,927
Rossi Playground	1199	WPA	84,049	83,655
		Spon	5,214	5,868
Douglass Park	1200	WPA	80,336	80,319
		Spon	6,116	5,245
Douglass Playground	1201	WPA	30,728	30,719
		Spon	2,171	2,164
38th and Fulton	1701	WPA	12,672	10,104
		Spon	416	5
Glen Park	1703	WPA	146,398	122,075
		Spon	12,738	5,886
30th and California	1704	WPA	39,874	37,711
		Spon	2,464	3,209
Balboa Park	1929	WPA	38,922	34,665
		Spon	600	64
St Mary's Playground	2370	WPA	68,098	39,248
		Spon	1,615	2,293
Helen Wills	3479	WPA	32,989	8,388
		Spon	0	1,839
Gilman Park	3547	WPA	59,980	54,484
		Spon	0	288

RECREATION COMMISSION

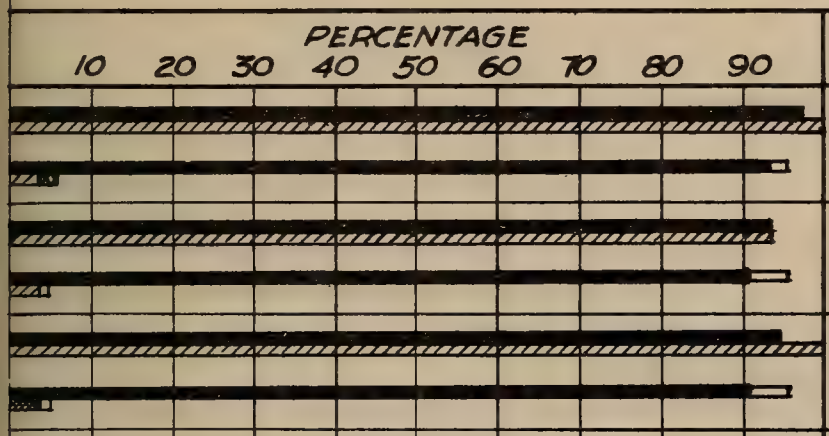
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
Bernal Center	3548	W.P.A.	16,050	12,980
		Spon	0	0
Julius Kahn	3549	W.P.A.	12,848	12,050
		Spon	0	1,154
9th & Ortega	3720	W.P.A.	57,249	51,322
		Spon	500	63
Crocker Amazon	3838	W.P.A.	530,539	364,998
		Spon	0	2,814
Ocean View	3839	W.P.A.	216,667	157,289
		Spon	0	292
Playground Areas	6819	W.P.A.	80,526	72,823
		Spon	2,270	0
Glen Park	6445	W.P.A.	24,049	23,995
		Spon	4,901	3,578
Glen Park	7668	W.P.A.	4,631	4,330
		Spon	90	1,015
All Recreation Projects Combined		W.P.A.	2,043,897	1,674,854
		Sponsor	69,935	71,171

BOARD OF HEALTH

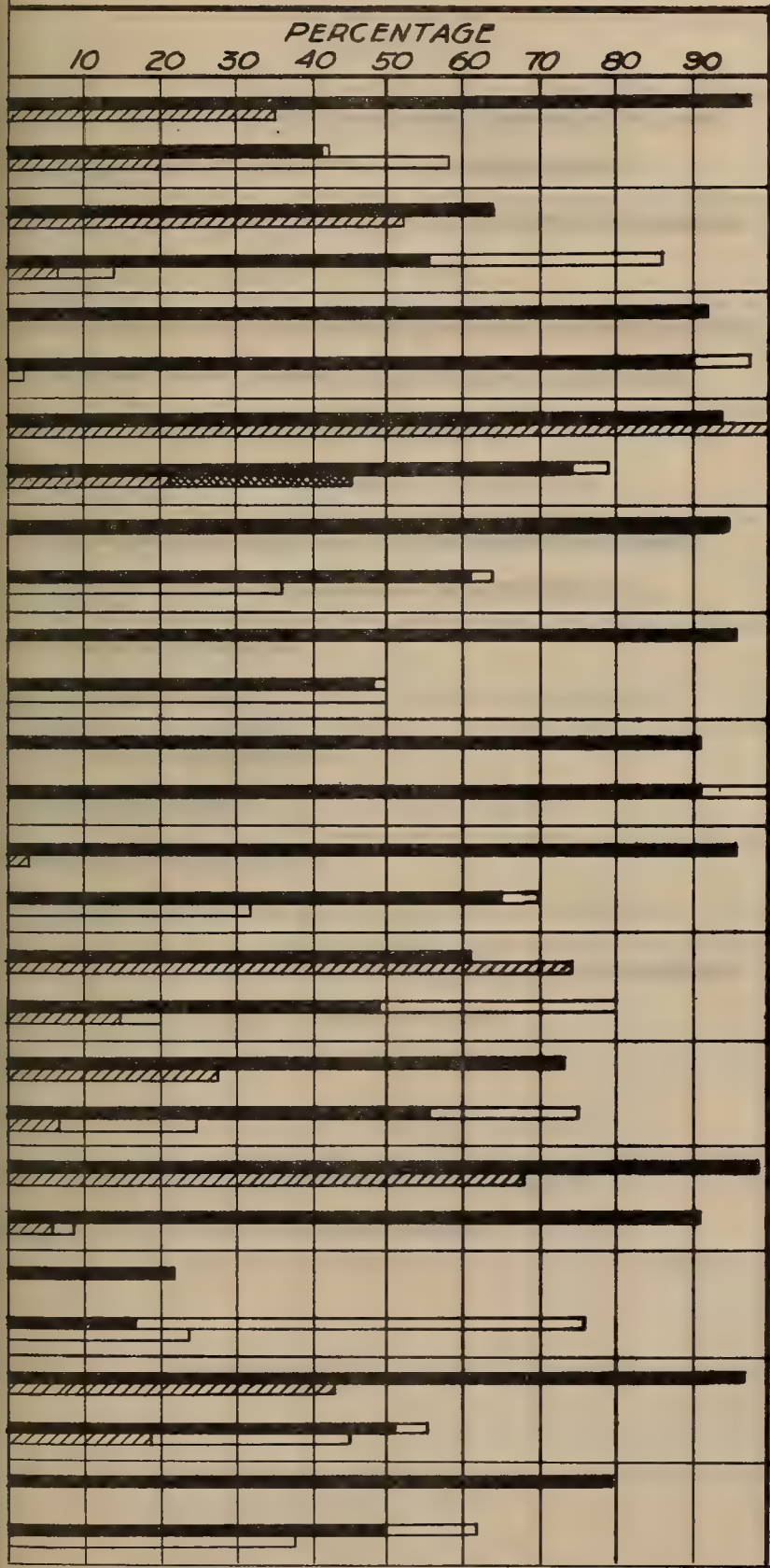
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
Laguna Honda Home	1195	W.P.A.	157,416	153,370
		Spon.	6,288	9,593
County Hospital	1196	W.P.A.	189,999	178,657
		Spon.	8,505	7,960
All Board of Health combined		W.P.A.	347,415	332,027
		Spon.	14,793	17,553

FEDERAL PROJECTS

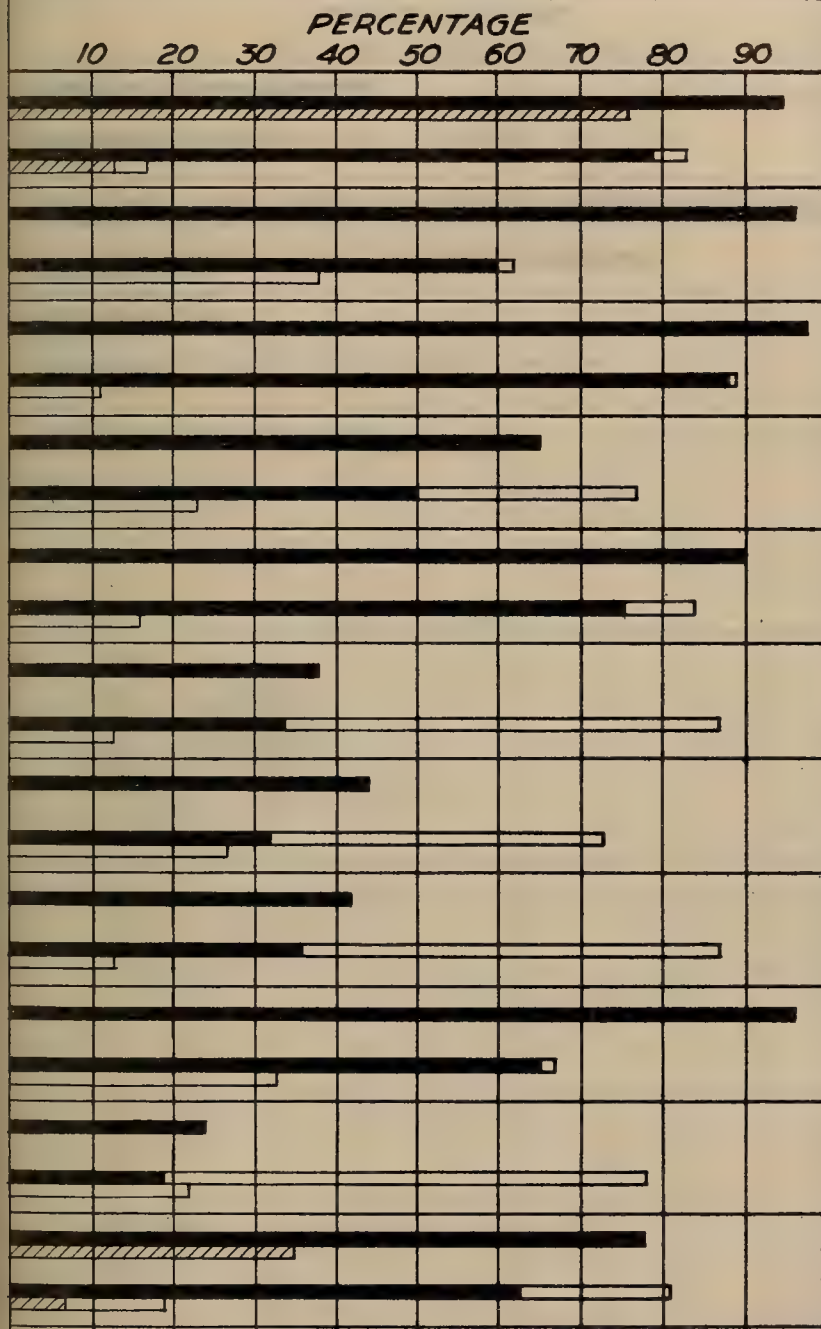
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
Angel Island	1643	W.P.A.	5,387	5,256
		Spon.	7,353	2,576
Crissey Field	2170	W.P.A.	154,090	99,216
		Spon.	26,741	13,838
Marine Hospital	2171	W.P.A.	7,481	6,887
		Spon.	200	0
Crissey Field	2174	W.P.A.	8,575	8,072
		Spon.	2,221	4,793
Fort Scott	3462	W.P.A.	10,692	10,177
		Spon.	6,126	0
Angel Island	3514	W.P.A.	2,155	2,067
		Spon.	2,126	0
Marine Hospital	3515	W.P.A.	20,968	19,163
		Spon.	0	0
Fort Miley	3803	W.P.A.	4,547	4,354
		Spon.	2,135	0
Fort Scott	3804	W.P.A.	27,379	16,639
		Spon.	6,670	4,914
Lincoln Boulevard	3805	W.P.A.	33,004	24,091
		Spon.	11,240	3,170
Fort Scott Roads	3806	W.P.A.	209,900	209,080
		Spon.	19,838	13,602
Crissey Field	4300	W.P.A.	47,104	10,453
		Spon.	14,986	0
Letterman Hospital	5422	W.P.A.	44,740	43,634
		Spon.	36,947	15,564
Angel Island	6892	W.P.A.	8,255	6,548
	7354	Spon.	5,037	0

FEDERAL PROJECTS

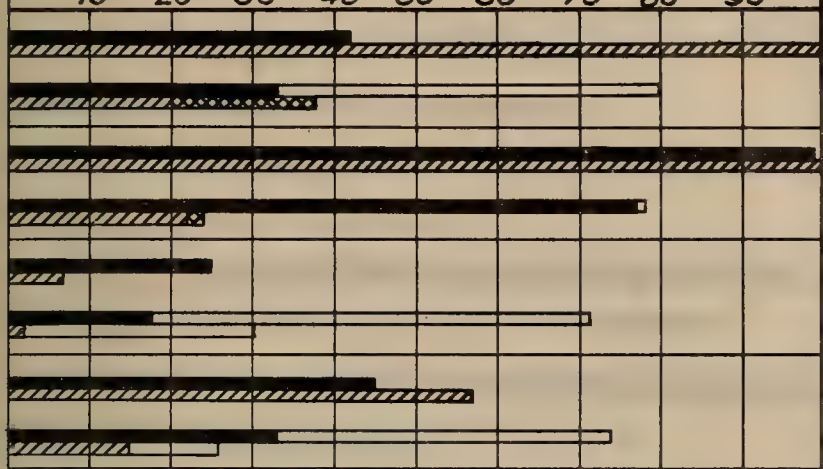
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPENDED
Fire Control Station	7057	W.P.A.	34,704	32,951
	7360	Spon.	7,255	5,556
Officers' Quarters	7116	W.P.A.	12,030	11,668
	7356	Spon.	7,323	0
Presidio Landscaping	7117	W.P.A.	16,618	16,236
	7358	Spon.	2,018	0
G & H Barracks	7480	W.P.A.	6,475	4,183
		Spon.	1,983	0
Fort Scott Landscaping	7483	W.P.A.	26,897	24,334
		Spon.	5,361	0
Angel Island	7695	W.P.A.	20,354	7,883
		Spon.	3,005	0
Angel Island	7698	W.P.A.	21,201	9,219
		Spon.	7,974	0
Presidio Landscaping	7780	W.P.A.	27,463	11,588
		Spon.	4,114	0
Fort Mason R.R. Tracks	8204	W.P.A.	2,688	2,591
		Spon.	1,355	0
Fort Mason Landscaping	8205	W.P.A.	4,057	979
		Spon.	1,160	0
All Federal Projects Combined		W.P.A.	756,764	587,279
		Sponsor	183,168	64,013

EXPOSITION PROJECTS

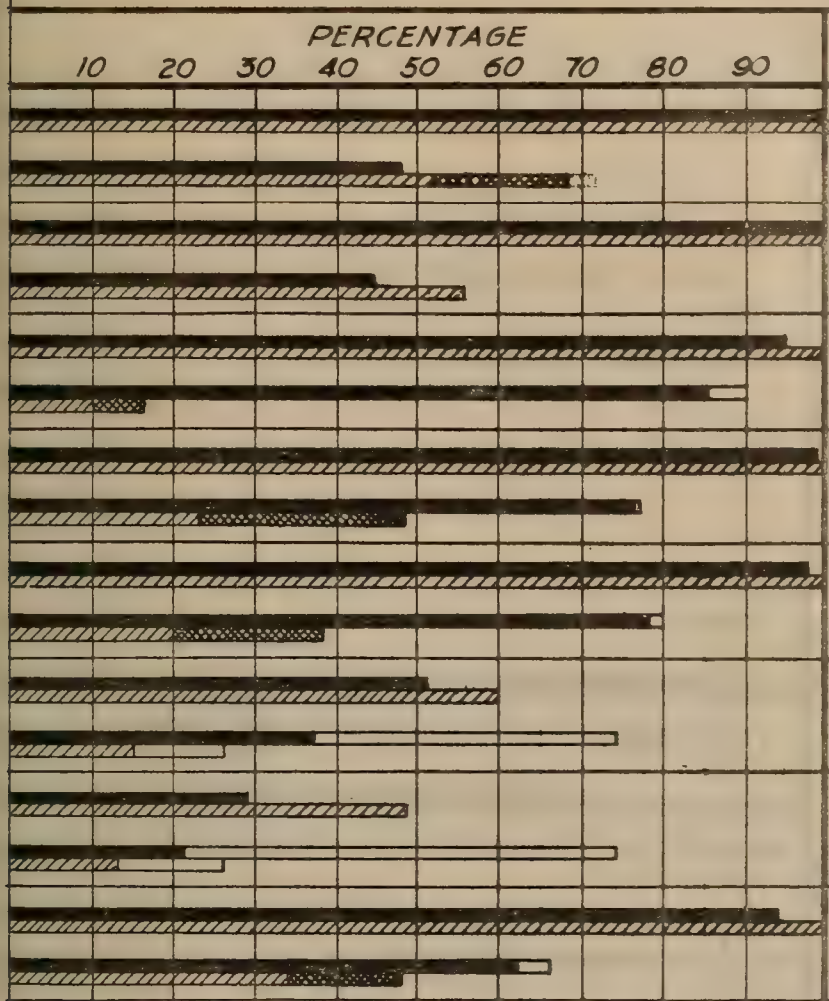
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
Exposition Design	1315	W.P.A.	452,299	188,229
		Spon.	113,075	218,333
Exposition Landscaping	1616	W.P.A.	398,889	397,399
		Spon.	114,722	119,518
Exposition Horticulture	7508	W.P.A.	968,075	246,969
		Spon.	408,302	26,726
All Expo. Projects Combined		W.P.A.	1,819,263	832,597
		Spon.	636,099	364,577

GOLDEN GATE BRIDGE PROJECTS

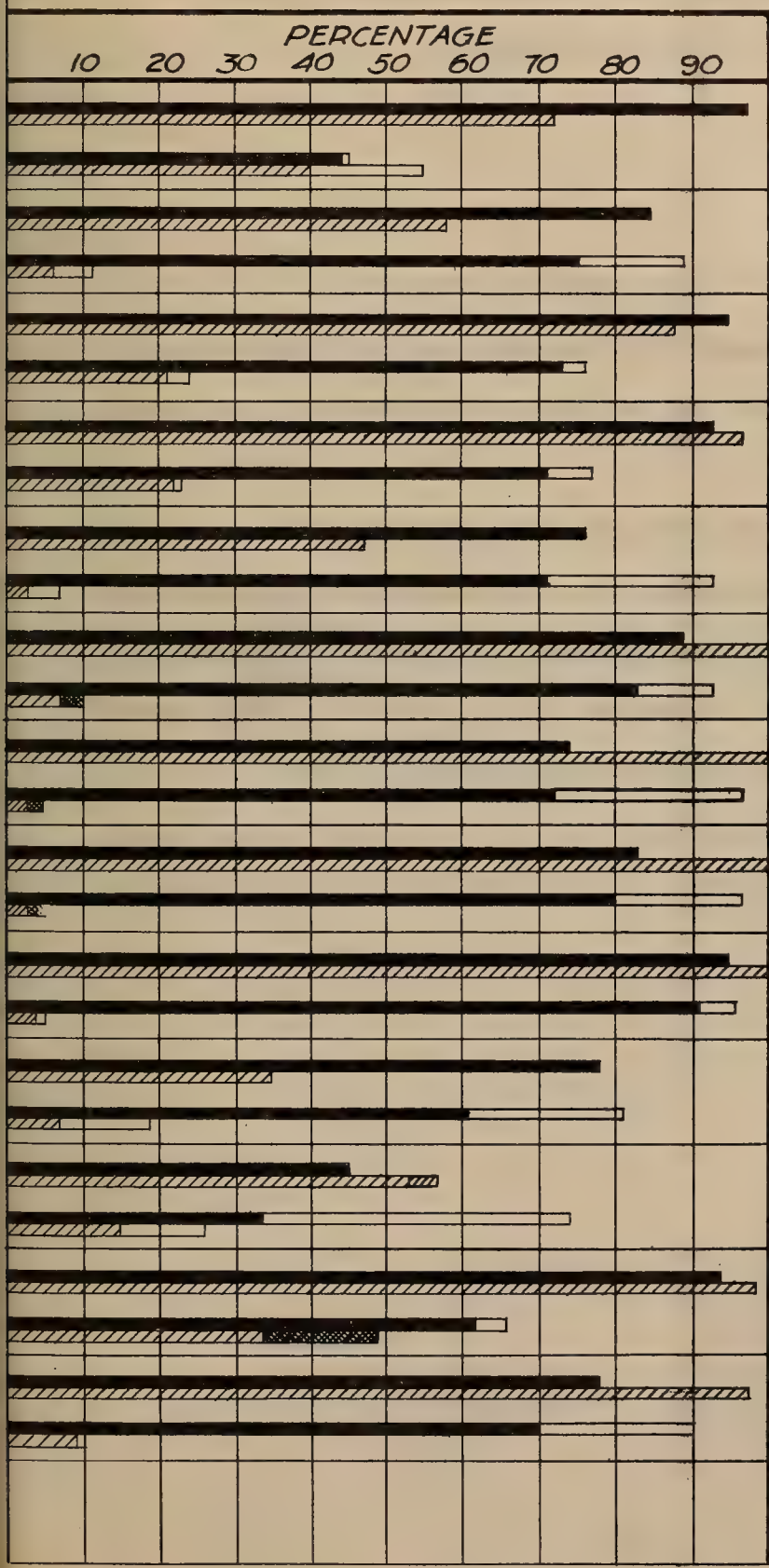
AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
G.G. Bridge	2177	W.P.A.	181,144	179,996
Approach		Spon	192,577	251,800
G.G. Bridge	3538	W.P.A.	117,416	117,416
Drainage		Spon	151,433	151,432
G.G. Bridge	4418	W.P.A.	94,410	90,281
Drainage		Spon	10,490	16,831
Lyon St.	5640	W.P.A.	354,676	353,817
Approach		Spon	109,908	224,235
G.G. Bridge	5641	W.P.A.	227,725	224,432
Lighting		Spon	55,115	107,382
Marina	7055	W.P.A.	73,503	37,856
Approach	7350	Spon	26,217	15,900
Lyon St.	8264	W.P.A.	39,020	11,211
Approach		Spon	13,846	6759
All Bridge		W.P.A.	1,087,894	1,015,009
Projects Combined		Spon	559,586	774,339

ALL PROJECTS

AS OF DECEMBER 31, 1937.



PROJECT	W.P. No.	BY	PLEDGED	EXPEND.
State Projects		W.P.A.	60,806	58,898
		Spon.	75,056	54,178
San Francisco Service Projects		W.P.A.	170,532	145,278
		Spon.	19,921	11,449
Board Of Education		W.P.A.	55,934	53,087
		Spon.	17,816	15,598
Public Utilities		W.P.A.	446,104	415,399
		Spon.	135,241	132,241
Agricult'l Assoc'n.		W.P.A.	782,725	596,906
		Spon.	54,894	25,844
Board Of Public Works		W.P.A.	5,989,254	5,318,970
		Spon.	435,667	555,660
Park Comm'n.		W.P.A.	8,752,799	6,451,596
		Spon.	277,814	348,466
Recreation Comm'n.		W.P.A.	2,043,897	1,674,854
		Spon.	69,935	71,171
Board Of Health		W.P.A.	347,415	332,027
		Spon.	14,793	17,553
Federal Projects		W.P.A.	756,764	587,279
		Spon.	183,168	64,013
Exposit'n Projects		W.P.A.	1,819,263	832,597
		Spon.	636,099	364,577
Golden Gate B. & H. District		W.P.A.	1,087,894	1,015,009
		Spon.	559,586	774,339
Total		W.P.A.	22,313,387	17,481,900
		Spon.	2,479,990	2,435,089

BRIEF DESCRIPTION OF CONSTRUCTION PROJECTS OPERATED IN AREA 7

The following pages give the works project number, together with title and project proposal description, of all construction projects operated in Area 7 from October 1, 1935 to December 31, 1937.

The description in most cases is the same as the Presidential approval and reflects the proposed work to be undertaken. However, approved modifications have been made from time to time, as the progress of the work warranted.

The financial statistics relative to any one of these units may be found by referring to the works project number in column of figures appearing on subsequent pages.

A BRIEF DESCRIPTION
of
ENGINEERING and CONSTRUCTION PROJECTS
in
SAN FRANCISCO

****

15 STATE TEACHERS COLLEGE

Construction of an addition to the Science Building, State Teachers College, San Francisco, California. The work includes: Excavation for footings, erection of sheet piling and cribbing, construction of forms for footings, walls, columns, beams, stairs, floor slab, etc., placing reinforcing steel and pouring concrete up to and including first floor slab. Installation of plumbing and electrical work.

41 STATE BUILDING

Painting of window frames, exterior iron work, north east and west walls; concrete floors; lacquer linoleum floors. Repair and refinish chairs and desks, erect store room shelving. Install electrical outlets. Repair and refinish venetian blinds.

526 CABINET - FURNITURE

Furniture production and repair - To provide for needy handy men, cabinet makers, painters and machinists in the production and repair of furniture for relief clients. Finished articles to be distributed through Surplus Commodities Division and recipients of goods to be certified through S.E.R.A., Social Service Division. Also to manufacture kindergarten and playground equipment for the Recreation Commission, making various articles that otherwise could not be furnished to kindergartens and playgrounds.

782 MERCED GRADING

Work involved: The completion of the grading and underground drainage system for a boulevard 100 to 125 feet in width around Lake Merced in the southwest section of San Francisco, California, to be known as Lake Merced Boulevard. It involves the movement of 249,664 cubic yards of earthwork of a firm sand material cemented with clay, replacing of 425 feet of wire mesh fence, construction of 230 lineal feet of reinforced concrete sewer lined with 18" V.C.P., construction of a rein-

forced concrete culvert 6'x7' inside diameter of 220 cubic yards concrete, and the repair of 150 lineal feet of redwood storm flume, the construction, tools, and operating of a blacksmith shop to sharpen and repair tools and equipment, and necessary field survey.

783 ROADS THROUGH McLAREN PARK

The excavation of 14,350 cubic yards of rock, the macadamizing of 400,000 square feet of road and 125,400 square feet of foot paths and equestrian paths; the construction of 12,172 lineal feet of stonegutter for roads, 7,481 lineal feet for paths, 17 seepage pits, and 56 storm water inlets; the laying of 2,315 lineal feet of corrugated iron culverts and V.C. pipe drains; landscaping of the park area by creating fire breaks, building fire trails, planting 10,000 trees and snrubs, and boxing and transplanting 600 trees.

784 CALIFORNIA STREET SIDEWALKS

The narrowing of 12 feet from Fillmore Street to Lyon Street; the necessary reconstruction of catch basins, and the moving of street signs, fire hydrants, etc; also the paving of the additional pavement area with concrete and making the necessary conform to existing asphaltic concrete pavement.

1030 SIGMUND STERN PLAYGROUND IMPROVEMENTS

Improving Sigmund Stern Grove, building retaining wall, grading and constructing new tennis courts and bowling greens, and building comfort station.

1031 SURVEY OF PLAYGROUNDS

Making engineering and topographical surveys of play areas, equipment and buildings of the eight following existing playgrounds:

Crocker Amazon, Ingleside, Rossi, China Beach, Gillman, Potrero, St. Mary's, Ocean View.

Planning new playgrounds, making drawings of new playgrounds, play areas and buildings.

1151 CROCKER AMAZON RECREATION CENTER

The excavation and placing into embankment of 21,000 cubic yards of earth and 13,000 cubic yards of rock; the hauling from a stock pile and spreading of 21,000 cubic yards of loam to a depth of 6 inches over the area to be graded and that which was graded previously; the installation of 23,050 lineal feet of water pipe of various sizes together with appropriate fittings, constituting a sprinkler system. All according to preliminary plans prepared by the Recreation Department.

1152 BUENA VISTA PARK

The rocking of 1,500 lineal feet of paths 8 feet wide, the surfacing of 132,960 square feet of paths, the resurfacing of 22,300 square feet of drives; the construction of 15,455 lineal feet of natural rock gutters, 6,000 square feet of log retaining walls, 72 natural rock steps and coping, 50 lineal feet of rubble masonry wall, the placing of 112 lineal feet of 8" c.m. culvert; the surfacing of 21,600 square feet of tennis courts; the erection of 13,590 square feet of standard chain link fence; the grading of red rock quarry, 500 cubic yards; the installation of 2,800 pipe feet of irrigation system; the grading, etc., of 2 small playgrounds; the construction of 18,900 square feet of artificial stone sidewalk; and the spreading of 1,000 cubic yards of loam and planting of shrubs furnished by the Park Commission; also the reconditioning of an existing convenience station.

1153 ZOOLOGICAL GARDENS

The grading of 9,600 cubic yards for underground pump house and underpass, 65,000 cubic yards of paths, 10,000 cubic yards of paddocks, 40,000 cubic yards of lakes and lagoons; the placing of 6,600 cubic yards of red rock surfacing on paths, 123,000 square feet of rustic rubble face to slopes of paths, and 20,000 cubic yards of loam about grounds; the installation of 600 lineal feet 18" corrugated metal culverts, 18,400 lineal feet sanitary and storm sewer system, 13,100 lineal feet of irrigation system, and 4 pumps in pumping plant; the construction of an underground reinforced concrete pump house of 315 cubic yards, a reinforced concrete underpass of 150 cubic yards, a reinforced concrete wall and moat slab and coping around animal island of 485 cubic yards; and landscaping work.

1154 ROCKING MERCED BLVD.

This project involves the subgrading and macadamizing of the boulevard graded by Merced project, by placing 7 inches of red rock quarried at O'Shaughnessy Boulevard in two layers of 5 inches and 2 inches, when compacted. Approximately 960,000 square feet; the installation of 47,200 lineal feet of 2"x12" redwood curbing, 2,488 lineal feet of 10" corrugated iron pipe culvert, and 37 reinforced concrete catch basins; also the quarrying of 13,000 cubic yards additional to material supplied by O'Shaughnessy Boulevard. All rock to be hauled approximately 6 miles. All work to be done in accordance with plans and specifications of the Director of Public Works of the City and County of San Francisco. Prepared by the Bureau of Engineering.

1195 LAGUNA HONDA HOME

Rehabilitation and reconditioning of buildings; - construct, repair and improve

1196 CITY AND COUNTY HOSPITAL

Repairs to Training Nurses Home, main administration building, main group buildings, pathological building, emergency and receiving building.

1197 DeYOUNG MUSEUM

Rehabilitation and completion of museum building.

1198 INGLESIDE RECREATION CENTER

Grading, draining, fencing, and water supply system for one football field and one soccer field with parking facilities, 10 paved tennis courts, and 2 paved basketball courts; all according to plans and specifications as prepared by the Recreation Commission, City and County of San Francisco.

1199 ROSSI PLAYGROUND

Construction of playground, tennis courts, and baseball field.

1200 DOUGLASS PARK

Excavation and removal from park of 5,700 cubic yards of loose rock; the installation of an irrigation system of 3,500 pipe feet, and a drainage system of 475 pipe feet; the construction of a rubble masonry wall and the facing of 12,000 square feet of slope with rubble stone masonry; the erection of 1,550 lineal feet of standard chain link fence; and the spreading of loam manure, the planting of 130,000 ice plants, and the sowing of 600 pounds of grass seed.
The construction of a standard convenience station 10' x 26' double units.

1201 24TH AND DOUGLASS PLAYGROUND

Construction of playground, tennis courts, and convenience station.

1202 GRADING AND SURFACING O'SHAUGHNESSY BOULEVARD

The completion of the grading and underground drainage system for a boulevard 60 feet in width around the west side of Glen Park Reservoir Site and Glen Park. It involves the movement of 87,716 cubic yards of material, 90% of which is stratified red country rock and 10%, top soil and hard earth; also a temporary pavement of 1" emulsified asphalt wearing surface over 8" of red rock

base, 16,000 square feet; and a temporary sidewalk with a 5" red rock base, 3,300 square feet; the raising of 5 brick manholes; the removal of 15 eucalyptus trees; and the erection of a masonry rubble wall of 8 cubic yards.

1291 STATE TEACHERS' COLLEGE

Construction of an addition to the Science Building, State Teachers' College, San Francisco, California. Work includes completion of the Science Building from first floor. This building started under SERA project; submitted under WPA Serial No. 0702-14 for completion of footings to and including first floor slab.

1315 EXPOSITION - DESIGNING

Architectural and engineering design necessary for the creation of a municipally owned airport, with certain permanent buildings and accessories for an Exposition of the City and County of San Francisco, to provide recreational facilities.

1499 COMMERCE HIGH ATHLETIC FIELD

This project is a playing field and an adjunct of the High School of Commerce and involves the making of a running track, 2 high jumps, one pole vault, one shot put, and one broad jump pit and runways; the construction of a 10' x 10' athletic equipment house; the repair and remodeling of the training quarters under grand stand; also the repair and painting of the 2 existing grand stands; also the surfacing of a practice basketball court.

1616 EXPOSITION LANDSCAPING

Trees, plants and shrubs for airport and recreational area for the City and County of San Francisco. Involves the early growth and care, boxing, etc., preparatory to placing on the reclaimed area selected for the airport.

1617 EXPOSITION ROADS AND TRESTLES

Construction of a roadway and trestle from the San Francisco-Oakland Bridge along one side of the island and down to the proposed shoals area to be reclaimed under another proposal.

1643 ANGEL ISLAND - BUILDINGS

Razing water tanks and removal of underground water pipes. Landscaping of Immigration Grounds; ditching around buildings, construction of cement drain; construction of incinerator; leveling of European Recreation Grounds; construction of cement bulkhead and walks. Tearing out shower bath in hospital.

1649 SUTRO FOREST FUEL SUPPLY

Sacking and warehousing existing split wood, for the purpose of supplying indigent families with stove wood. Distribution to be made by the Surplus Commodities Division of the S.E.R.A., also cleaning and burning certain areas previously logged.

1688 HORSESHOE COURT

Excavation for and construction of masonry rubble walls, 130 cubic yards; 3,000 square feet red rock paths; 600 lineal feet sewer; the building of a standard convenience station, and general rehabilitation of an existing horseshoe court.

1689 TELEGRAPH HILL PARK

Excavation for and construction of a metal crib wall 1,600 square feet of face, rubble masonry walls 243 cubic yards, concrete retaining wall 62 cubic yards, red rock coping and slope facing 196 cubic yards, concrete gutter and shoulders 86 cubic yards, concrete sidewalk 2,300 square feet; the erection of 250 lineal feet of standard chain link fence 5 feet high; grading, rocking, and oiling 9,440 square feet of paths; installation of 578 feet of drainage and water system; construction 578 lineal feet of natural rock gutter; and the spreading of 210 cubic yards of loam and planting of shrubs.

1690 SHARP PARK PIPE LINE

Installation of pipe line for water purposes on golf course.

1693 GOLDEN GATE PARK IMPROVEMENT

Spading and re-seeding lawns, planting shrubs, trimming trees, and removing of any unsightly snags or stumps and weeds over entire park area of two square miles.

1699 GOLDEN GATE PARK STABLES

Construction and completion of stable buildings.

1700 KEZAR PAVILION

Erection and completion of a one-story reinforced concrete addition to present training quarters.

1701 38TH AND FULTON RECREATION CENTER

Construction of new field house to be used for district recreation headquarters.

1702 FIRE HOUSES - DISTRICT 4

Engine No. 4 - 676 Howard Street which includes Water Tower #1, Water Tower #2, Searchlight Engine #1, and Air Compressor #1.
Engine No.17 - 34 Mint Street, which includes Truck Company #1 and Rescue Squad.
Engine No. 6 - 336 - 7th Street
Engine No.19 - 1300 - 4th Street
Engine No.29 - 380 Division Street
Drill Tower - 398 Division Street

1703 GLEN PARK RECREATION CENTER

Construction of playground, club house, and recreation center.

1704 30th AND CALIFORNIA STREET RECREATION CENTER

Grading and construction of new tennis courts

1705 INSPIRATION PARK

Excavation of 880 cubic yards of soft rock material; construction of a rubble masonry wall 31 cubic yards, 6 sets of reinforced concrete steps 27 cubic yards; installation of an irrigation system of 500 pipe feet, a chain link fence 5 feet high and 145 feet long; the laying of crushed rock walks 3,150 square feet; the spreading of 635 cubic yards of loam and manure; the excavation for and planting of 100 trees; the excavation for and planting of shrubs over an area of 8,800 square feet; the placing of concrete benches supplied by the Park Commission.

1727 (SEE PROJECT 6545)

1849 SILVER AVENUE GRADING

Excavation of 7,700 cubic yards of earth and removal to dump. The clearing of 29 trees and reconstruction of 850 lineal feet of board fence.

1850 BRUNSWICK STREET GRADING

Excavation and removal of one mile to dump of 3,550 cubic yards of earth and rock material.

1851 MERRIE WAY ESPLANADE

Clearing and grubbing of a half-acre tract -- 1,500 cubic yards of grading to level same, and 350 cubic yards rock surfacing topped with a bitumuls wearing surface.

1852 O'SHAUGHNESSY BOULEVARD EXTENSION

Excavation of 20,550 cubic yards of earth and country red rock material and placing same in embankment and waste adjacent to project.

1891 SIDEWALK, CURB, AND STREET REPAIR

The narrowing of sidewalks and street repair on 25 streets in the City and County of San Francisco. (Detail of work involved appears elsewhere in this survey).

1922 ST. JOSEPH AVENUE GRADING

Excavation of 4,600 cubic yards of earth and rock, and the removal of 3,000 cubic yards of above, a distance of 2 miles to dump.

1923 DUNCAN STREET GRADING

Excavation of 8,000 cubic yards of earth and country red rock and the placing of 1,000 cubic yards of red rock material for surfacing.

1924 HARDING PARK CLUB HOUSE

Increase space and facilities in club house for the use of general public: concrete foundation, concrete floors, frame construction, stucco exterior, plaster interior, plumbing, heating, and electric; tile roof, painting inside and outside.

1925 KEZAR STADIUM

Reconstruction of old wooden seats to concrete framing.

1926 BAY VIEW PARK

Improvement of a natural park by the construction of 6,500 lineal feet of oiled macadam roadway, said macadam to act as base for future pavement as traffic conditions warrant; 6,500 lineal feet of natural rock, gutter and 1,250 cubic yards rubble masonry wall. Construct water supply system, convenience station, and rustic shelter. Two Playfields. The cultivation of approximately 6,500 trees and the planting of 2,500 addition, and construction of paths and clearing of firebreaks.

1929 BALBOA PARK

Construction of gutters, paths, seepage pits, culverts, storm water inlets, etc., also the excavation of planting areas and the loaming and planting of same. Most of the rock for gutters is to be quarried on the property.

1932 FIRE HOUSES - VARIOUS

Rehabilitation and modernizing of various fire houses, pump station #1, and police stations.

1933 POLICE STATIONS - SOUTHERN AND MISSION

Rehabilitation of police stations as necessary to meet the requirements of the Police Department.

1972 DISTRICT AGRICULTURAL ASSOCIATION GROUNDS

Removing and stacking top loam for new finish and doing all grading of area shown on accompanying drawing to finished grades or elevations as noted. Area to be used for parking space, track and recreational and athletic field. Handle approximately 170,000 cubic yards of earth.

2106 GOLDEN GATE PARK ROAD

Re-grading and surfacing with a 3" asphalt pavement of 140,000 square feet of existing 8" oiled macadam roadway; the construction of necessary catch basins and seepage pits to adequately handle drainage; the trimming of edges of pavement; and the trimming and grading of pedestrian paths.

2170 CRISSY FIELD LANDSCAPING

Continuation of excavation, filling in low areas, constructing new roads, parking areas, garages and playground; landscaping areas in vicinity of officers' and non-commissioned officers' quarters; landscaping and fire prevention work around flying field; construction of one double tennis court in rear of quarters and one double court off east side of barracks.

2171 MARINE HOSPITAL TENNIS COURTS

Grading and construction of double tennis courts, including certain planting of shrubbery around same after construction, and in area adjacent to same. This is for the use of the personnel living on the reservation.

2174 CRISSY FIELD PAINTING

Steel brushing and painting Crissy Field buildings #20, 21, 22, 24, 27, 30, and 48. Paint yellow and black checkerboard on roofs of buildings #25 and 29. Paint obstructions and boundary light at Crissy Field.

2175 AQUATIC PARK

Construction of 3,250 cubic yards masonry rubble sea wall, 1 bath house, 2 boat houses, 2 life saving stations; paving 101,000 square feet of promenades; excavation and fill of 20,000 cubic yards; relocation of 1,400 lineal feet of railroad track; installation of

flood light system for night swimming and rowing; and approach wharf to school boat house, pile cutter berths, and landing floats.

2176 DRIVES IN GOLDEN GATE PARK

Regrading and resurfacing with a 2" asphalt pavement of 13 miles of existing 8" oiled macadam roadway of various widths containing 2,550,000 square feet. Said existing roadway to be scarified to a depth of not less than 4", and brought to line and grade where designated, by the addition of 17,000 cubic yards of quarry run rock. Also the construction of necessary catch basins and seepage pits to adequately handle drainage and the reshaping and oiling of 10 miles of pedestrian paths. All within the boundary of the Golden Gate Park and its panhandle.

2177 GOLDEN GATE BRIDGE APPROACH - MARIN

This project embraces the location and construction of a lateral highway, one and one-half miles in length, connecting U.S. Highway 101 at Sausalito with the bridge-head of the Golden Gate Bridge, with such structures as may be required, and include all necessary excavation, grading, drainage, surfacing, fencing, and lighting. It is proposed to construct a 30 foot shouldered roadway with bituminous surfacing. The adequate lighting of the project has been taken into consideration, and under the present request the latest type of sodium vapor lamps will be used for this purpose.

2370 ST. MARY'S PLAYGROUND

Construction of playground and tennis courts and convenience stations.

2459 CLARENDON AVENUE EXTENSION

A base course with a compacted thickness of 8" of quarry runrock, topped with a 2" asphalt wearing surface, laid on a grade previously constructed by the City, with the required curb, sidewalk, guard rail, and drainage structures.

2524 MT. DAVIDSON PARK

Construction of water bound macadam trails, rubble masonry and concrete retaining walls; installation of a water supply system, construction of park benches and landscaping and planting spproximately 25 acres.

2752 YERBA BUENA ISLAND - BRIDGE LANDSCAPING

Landscaping and planting various cut slopes and excavated areas which have been opened up during the construction of the San Francisco-Oakland Bay Bridge.

3048 FIVE PARKS PROJECT

Landscaping and grading of tennis courts, buildings, walks, and paths for Sharp Park, Zoological Gardens, Mt. Lake Park, Sunset Heights Park, Lombard Park

3462 FORT SCOTT CONSTRUCTION

Construct a basement in Building No. 13 at Fort Scott. This consists of cutting holes for 6 windows and one door, removing 150 cubic yards of dirt and completely finishing the interior.
Construct a log cabin complete 50' x 24' x 13'.
Construct a glass porch 40' x 18' to the present Officers Club building.
Construct a circular band stand 28' in diameter.
Construct two sea going targets for artillery fire 25' x 12' x 19'.
Tear down four war time Officers Quarters -- remove nails salvage lumber, and beautify locality.
These items are now under construction.

3478 CONVENIENCE STATIONS

Construction of six convenience stations for the use of the general public to be located as follows:
14th Avenue and Fulton Street)
19th Avenue and South Drive) - Golden Gate Park
Ashbury and Oak Streets)
Gundlach and Visitacion Streets - McLaren Park
Laguna and Clay Streets - Lafayette Square
Judson Avenue - Balboa Park

3479 HELEN WILLS PLAYGROUND

Regrading and paving tennis courts, and playground area and painting recreation center.

3481 HALL OF JUSTICE AND COUNTY JAIL

General rehabilitation of building with additional rooms on roof. Completion of unfinished work by S.E.R.A.

3514 ANGEL ISLAND FIRE TRAILS

Remove approximately one mile of existing old telephone line and replace with new poles and wire. Cut fire trails under existing telephone line and transmission line from Quarantine Station to a point on the North East of the Island. Resurface 2,000 lineal feet of road from quarters No. 4 to Military Road.

3515 MARINE HOSPITAL GROUNDS

Widen the lawn around Building No. 9 to a 20 foot width, with a 2 to 1 slope. Excavate for and construct approximately 360 lineal feet of reinforced concrete retaining wall. Spade, loam, fertilize 60,000 square feet of lawn.

3538 GOLDEN GATE BRIDGE APPROACH - PRESIDIO

Construction of wood frame and reinforced concrete structures, underground electrical power, light, telephone, sewers and water lines. The above work is obligatory upon the Golden Gate Bridge and Highway District on account of demolition, removal and reconstruction of similar structures interfering with the right-of-way of the Marina (South) Approach.
The Marina (South) Approach is a 60 foot highway connecting the south bridgehead of the Golden Gate Bridge with United States Highway 101 at San Francisco, thereby eliminating the water barrier between the southern and northern units of United States Highway 101

3539 LAFAYETTE SQUARE

Grading and 4" rock base course of 19,000 square feet of paths, the reconstruction of 42,000 square feet of existing paths, and asphalt paving of 61000 square feet. The demolition of a frame house, water tower brick walls, etc., the construction of 91 cubic yards of concrete steps and wall, regrading existing playfield, a complete water system, and the construction of two tennis courts.

3547 GILMAN PLAYGROUND

Construction of playground, including approximately 9,000 cubic yards, grading 5,000 cubic feet of rip rapping, planting 5,000 trees and shrubs, constructing 5,000 lineal feet of 6' cyclone fence and placing loam and manure.

3548 BERNAL CENTER RECREATION FIELD

Field work involved: Excavation and grading approximately 1,492 cubic yards, seeding 20,000 square feet, building rubble masonry wall 75' x 4' x 18", paving 16,000 square feet.

3549 JULIUS KAHN PLAYGROUND

Surface and finish tennis courts, paint convenience station inside and outside, erect 700 lineal feet of 10' wire fence, plant trees and shrubs and seed approximately two acres.

3550 CORONER'S OFFICE

Rehabilitation of building in completion of E.R.A. project. Painting, pipe covering, plumbing, electric, etc.; rearrangement of laboratory.

3678 BERNAL HEIGHTS BOULEVARD

Excavate for and lay 1890 lineal feet of sewer with catch basins and manholes, 12,890 lineal feet redwood curb, 19,050 square feet of 6" concrete pavement. Place 714 tons of 2" wearing surface, reslope all cuts and place on road bed, redress all sidewalks.

3679 HARDING BOULEVARD

Removing of existing oil surface, and replacing with a 2" asphalt wearing surface for .8 of a mile on a main boulevard to the beach; raise 800 lineal feet of settled fill gutter and sidewalks, reslope the cuts and landscape hillsides.

3681 CIVIC AUDITORIUM

Rehabilitation and repairs to buildings, repairing and cleaning tile, replacing broken glass, electric, plumbing and heating fixtures, painting and concrete work.

3718 GOLDEN GATE PARK TENNIS COURTS

Construction of tennis courts in Golden Gate Park and at 38th Avenue and Fulton Street

3719 JAMES ROLPH PLAYGROUND

Construction of baseball bleachers, installation of night lighting; painting and excavation.

3720 9th AND ORTEGA TENNIS COURTS

Construction of tennis courts and Field House

3721 HAYWOOD BOY'S COMFORT STATION

Construction of a convenience station for the use of the general public.

3803 FORT MILEY DRILL FIELD

Clear and level an area of 1½ acres for the enlisted personnel of Fort Miley to use as a drill field and baseball diamond. This will involve moving 900 cubic yards of dirt. Erect a backstop of pipe and woven wire. Erect a spectators' grandstand.

3804 FORT SCOTT PARADE GROUNDS

Leveling lower half of Fort Scott Parade Grounds; moving 30,000 cubic yards; plant field with grass. Lower end of field will be a ball diamond with backstop and grandstand.

3805 LINCOLN BOULEVARD

Widen 6,000 linear feet of a portion of Lincoln Blvd. on Fort Scott from 10 feet to 22 feet. Also widen the road up to 35 feet on three curves to eliminate sharp turns and to provide parking spaces. This involves furfacing 7,500 square yards with emulsified asphalt.

3806 FORT SCOTT ROADS

Widen 15,600 linear feet of existing roads from 10 feet to 30 feet; this will involve paving 34,700 square yards with emulsified asphalt. Surface 3,200 linear feet of existing roads; this will involve paving 10,600 square yards with emulsified asphalt. Construct 14,000 linear feet of safety fences to be made of 6"x6" redwood posts 8' on centers with 2"x6" railings.

3838 CROCKER AMAZON PLAYGROUND

The construction of bleachers, baseball fields, tennis and basketball courts, and landscaping.

3839 OCEAN VIEW PLAYGROUND

Grading for playground and gymnasium approximately 6,600 cubic yards; construction of concrete and rubble masonry walls, paths, and gutters, construction of a gymnasium, planting, seeding and landscaping approximately 9 acres, erection of fence, construction of tennis courts and installation of water system.

3932 MARINA SEA WALL

Construction of 600 lineal feet of rubble masonry wall enclosing a yacht basin; the paving of certain drives with natural rock asphalt; and the construction of a Harbor-master's station, and an underground convenience station; all as designated on attached preliminary plans.

4300 CRISSY FIELD RESURFACING AND LANDSCAPING

Resurface 400,000 square feet of landing runway, construct a 6' woven wire fence around east and south sides, landscape the area adjacent to the Golden Gate Bridge Highway Approach.

4415 PARK MEADOWS

Development of 40 acres of unused area, cleaning lakes, filling in low places, planting grass and trees over the entire area, drain the stadium field, repair the stadium seats and convenience stations. Part of Golden Gate Park. All work on public property.

4418 DRAINAGE FACILITIES - MARINA APPROACH TO GOLDEN GATE BRIDGE

Construction of drainage facilities along the Marina approach, a 60' highway connecting the south bridge head of the Golden Gate Bridge with the U.S. Highway 101 at San Francisco.
Work involves a high percentage of hand labor for excavation of trenches, laying of pipe and of rock filling, construction of retaining walls and paved gutters as required.

4556 AGRICULTURAL ASSOCIATION GROUNDS AND CENTER UNIT #2

Construction of section of Livestock Building known as Unit #2
The work consists of approximately 36,000 cubic yards earth and rock excavation and grading; 5,500 cubic yards concrete; 450 tons reinforcing steel; 23 tons structural steel; 400 MBM lumber

4811 "L" CAR LINE EXTENSION

Extension of "L" car line from Taraval Street to Wawona Street to serve Fleishhacker Playground.

5197 GRANDSTANDS AND DECORATIONS

Erection and salvaging of grandstands, decorating of Market Street and Civic Center in celebration of the San Francisco Bay Bridge. All grandstands are to be of frame construction; no unit cost to exceed $40,000.

5422 LETTERMAN GENERAL HOSPITAL

Painting the interior of 14 buildings and the exterior of 8 buildings. Replacement of 10,350 lineal feet heating and hot water pipe including tanks, valves, fittings, pipe covering, and hangers in the heating and hot water distribution systems. Construct new hardwood floors in 12 buildings, and install underground electric distributing lines to replace 8,000 lineal feet of overhead lines. Landscape 8 acres.

5423 FORT SCOTT LANDSCAPING

Landscaping and removing fire hazards on 403 acre military reserve adjacent to Fort Scott, San Francisco. Tree trimming and clearing under brush, constructing fire breaks, removing fallen logs and debris, thereby removing a serious fire hazard. And planting ice plant to stop wind erosion of sand dunes.

5480 PARK AND BEACH IMPROVEMENTS

Golden Gate Park and Ocean Beach. Spading and re-seeding unsightly areas, planting shrubs, trimming trees, removing snags and stumps, repairing and widening paths,

removing and burning weeds and brush chiefly in West Meadows, Golden Gate Park. Also erecting wind breaks, planting marsh grass and removing wind blown sand dunes on a two mile front near the beach, and the establishment of a central blacksmith shop for adequately caring for tools.

5640 LYON STREET APPROACH TO GOLDEN GATE BRIDGE

Construction of ramps, filling and paving same. Excavation for and construction of superstructure, laying sewer. Furnish and drive piles. All necessary carpentry electrical work, cement finishing, painting, etc. Reconstruct tennis courts. Remove and box trees and shrubs. Grade and construct new entrance and roadways to warehouses. Take up and relay railroad siding. Demolition of Ward "T" #25, and the rehabilitation of various buildings, remove to new locations on account of interference with the right of way.

5641 GOLDEN GATE BRIDGE LIGHTING

This project embraces the completion of a lateral highway, one and one half miles in length, connecting U.S. Highway 101 at Sausalito with the bridge head of the Golden Gate Bridge. Building and surfacing of a road with asphaltic concrete, oiling of road shoulders, lighting both sides of highway with sodium vapor lamps, erecting and painting of guard rail, laying drainage pipe, and the building of wood and concrete structures.

5821 SUTRO FOREST FUEL SUPPLY

Cutting and sacking wood for the purpose of supplying indigent families with stove wood.

5839 LANDSCAPING PUBLIC PARKS*

Excavation and grading, and laykold paving of playground area, for Chinese children on 37th Avenue. Excavating grading and planting of vacant lot on 36th Avenue. Install sprinkling system and erect lath fence.
Unit #4
Unit #5, Sutro Heights Park
Unit #6, Merced Manor
Unit #7, Kezar Stadium Parking Area. Improve, by paving, driveway entrances to Kezar Stadium Parking Area - also laying of concrete sidewalks to provide pedestrian ways around Recreational area in vicinity of Kezar Stadium
Unit #8, Police Station Parking Area. Improve by paving, area rear of Police Station; install necessary drainage, landscape area, replant trees and shrubs.
Unit #9, Equitation Field. Cover field area with 6" layer of sand. Enclose entire field with redwood fence. Paint fence, construct hitching racks and hurdles.
*Beautification and landscaping of all public parks in San Francisco County for which projects have not been specifically approved. All work to be done on public property.

6146 CABINET SHOP

Furniture production and repair - To provide for needy handy men, cabinet makers, painters and machinists in the production and repair of furniture for relief clients. Finished articles to be distributed through Surplus Commodities Division, and recipients for goods to be certified through S.E.R.A. Social Service Division. Also to manufacture kindergarten and playground equipment for the Recreation Commission, making various articles that otherwise could not be furnished to kindergartens and playgrounds.

6250 GALILEO HIGH SCHOOL UNDERPASS

All necessary work involved in the construction of a reinforced concrete tunnel connecting Galileo High School with the Athletic Field. Work consists of excavation, reinforced concrete including forms, asphaltic concrete pavement and paving brick, tile, brick work and plastering, ornamental iron and electrical installation, painting, roofing and necessary drainage and plumbing installation. Also the removal of a portion of the present 20" sewer and installation of new 20" cast iron sewer.

6402 BUILDING REPAIR

Renovating and making minor repairs of county and municipally-owned buildings not otherwise approved

6445 GLEN PARK RECREATION CENTER

Construction of playground, club house, and recreation center.

6483 GENEVA AVENUE IMPROVEMENT

Excavation and fill for roadway sub-base, sewer construction, (combination storm water and sanitary,) including catch basins, man holes, culverts and appurtenances, concrete curb with curb bar, removal of abandoned street car tracks including rails, ties, poles and back filling, street lighting system including conduits, boxes, standards, fixtures, etc; and moving water mains, fire hydrants, etc.; and replacing all publicly owned utilities.

6545 SAN FRANCISCO AIRPORT (Formerly Project 1727)

Construction of additions and improvements to San Francisco Airport, including pavement and drainage; lighting; water supply; construction of water, gas, electric, telephone and sewer services to buildings; completion of present main sewer and sewage pumphouse; construction

of walks, curbs, pavements, street lighting and other utilities around new buildings and other miscellaneous work; construction of drainage control structures; dredging for construction of seaplane harbor and levees; construction of earth and rock levees and miscellaneous structures thereon including seaplane ramp, wharves, seawalls, etc.; construction of earth and rock fills for land reclamation for seaplane port, and miscellaneous work for seaplane port.

6683 SAN FRANCISCO AIRPORT

Construction of drainage works; grading; roads and appurtenances; levees and seawalls; filling and land reclamation; and miscellaneous work; all being a portion of the work required to provide necessary improvements to combined land and seaplane ports at San Francisco Airport.

6771 PARK PRESIDIO BY-PASS

Excavation and fill, construction of sub-base and surfacing roadway. Construct red rock paths and planting center strip. Construction of reinforced concrete retaining wall and concrete curb. Install irrigation system and drainage system. Planting and seeding. Installation of lighting system.

6819 PLAYGROUND IMPROVEMENTS

To employ persons on relief rolls for the renovation and minor improvements of playground equipment and buildings, San Francisco County. In addition to projects specifically approved. No janitor work done under this project.

6861 GOLDEN GATE BRIDGE FIESTA

Erection and salvaging of grandstands, lighting, decorating of Market Street, Van Ness Avenue, Bay Street, Cervantes Boulevard and Marina Boulevard, in celebration of the completion of the Golden Gate Bridge.

7350 GOLDEN GATE BRIDGE - ROADS (Formerly Project 7057)

Construction of three fire control stations at Fort Miley and one at Tennessee Point (Fort Barry). The above work is obligatory upon the Golden Gate Bridge and Highway District on account of demolition, removal and reconstruction of similar structures interfering with the right of way of the Marina (South and Marin) North approaches to the Bridge.

7354 ANGEL ISLAND - BUILDING REPAIRS (Formerly Project 6892)

Remove present sanitary and water lines and replace with new material. Replace plumbing fixtures, install hollow

tile walls, partitions, tiling, electrical wiring and fixtures, ornamental iron, and necessary carpentry, concrete, lath, and plaster work. Remove old window frames and doors and replace with new.

7356 OFFICERS' QUARTERS - PRESIDIO (Formerly Project 7116)

Complete renovation of ten sets of officers' quarters; interior and exterior painting, new flooring, plumbing and electrical work, and general carpentry repairs.

7358 PRESIDIO LANDSCAPING (Formerly Project 7117)

Construct 900 lineal feet rubble masonry wall excavation and back fill. Remove surplus trees and underbrush from reservoir area. Plant and seed lawns, plant ice plant on slopes.

7360 GOLDEN GATE BRIDGE FIRE CONTROL STATION (Formerly 7055)

Excavation and fill, grading and paving roads, construction of drainage curbs and retaining walls and street lighting incidental thereto; also electrical power, light, telephone, sewer, storm drains and water lines. Special drainage and landscaping of right of way along the Marina (South) Approach and Toll Area. Not a part of Federal Aid Highway System; exclusive of any other projects approved. The above work is obligatory upon the Golden Gate Bridge and Highway District on account of demolition, removal and reconstruction of similar roads and structures interfering with the right of way of the Marina (South) Approach to the bridge.

7480 "G" AND "H" BARRACKS - RENOVATION

Renovate barracks "G" and "H", interior and exterior painting. Electrical and plumbing additions, tiling, plaster patching, carpentry and millwork and cleansing barracks.

7483 FT. SCOTT LANDSCAPING

Landscaping that portion of military reservation surrounded by Lincoln Boulevard and Storey Avenue, and containing approximately 26.4 acres. Work consists of excavation, borrow and fill, covering portions with top soil, planting grass, trees and shrubbery, sodding, sloping and terracing banks, all without changing the natural contour of the area.

7508 EXPOSITION HORTICULTURE

Improve the San Francisco Airport and Exposition site in the City of San Francisco on property owned by the City and County of San Francisco, by landscaping and performing horticultural work. Project also includes the trans-

planting and hauling of trees and shrubs, donated to or purchased by sponsor from public and privately owned property in San Francisco, San Mateo, Santa Clara, Santa Cruz, Alameda, Contra Costa, Marin, Sonoma and Napa Counties. Proper permission will be obtained before trees and shrubs are procured. In addition to projects specifically approved; various locations as indicated.

7553 GALILEO HIGH SCHOOL UNDERPASS

Complete the construction of a reinforced concrete tunnel connecting Galileo High School with the athletic field.

7651 DISTRICT AGRICULTURAL ASSOCIATION GROUNDS

Construct reinforced concrete footings, retaining wall, and ramps of Livestock Building as shown previously. Excavation and backfill and drainage installation.

7668 GLEN PARK RECREATION CENTER

To complete work begun previously (see Project 6445)

7695 FORT McDOWELL LANDSCAPING

Build rubble masonry walls, install irrigation system, excavation, weeding, seeding, and trimming slopes, transplanting seedlings.

7698 ANGEL ISLAND WATER TANKS

Construction of two 500,000 gallon square reservoir concrete slab bottom and sides with corrugated iron roofs, also 1,000 feet of 6" galvanized iron pipe to connect with existing water distribution lines. All necessary excavation, backfill and drainage installation.

7780 PRESIDIO LANDSCAPING

Construct rubble masonry wall, excavate backfill, remove surplus trees and underbrush, plant and seed lawns, plant shrubs and plants, repair eroded banks and perform appurtenant work for erosion control. Federally owned property.

8036 BUILDING 21 - FORT McDOWELL

Excavate below first floor of Building #21, underpin walls and piers of Building #21, and carry to solid bearing. Install complete drying room with lines, fans and louvres. Provide adequate room for ten-chair barber shop installation. Cut exterior doors, build stairs, walks and hand rails to provide access to laundry trays, showers and drying rooms from first and second floors of Barracks Building #21.

8204 FORT MASON RAILROAD TRACKS

Take up and relay approximately 800 lineal feet of railroad track serving Fort Mason, including new ties and ballast.

8205 FORT MASON LANDSCAPING

Landscaping of 40 acres in Fort Mason, San Francisco, San Francisco County. Planting trees and shrubs, seeding lawns. This project is a continuation of work begun under Federal Parks Project.

8220 DISTRICT AGRICULTURAL ASSOCIATION PARKING AREA

Excavation and fill for parking area, athletic field, and adjacent boulevard at Livestock exposition grounds. Spreading loam over entire area, and landscaping. Sponsor is organized under State laws and is a State institution.

8248 CHILDREN'S AREA - GOLDEN GATE PARK

Install sewerage system including excavation and backfill, sheet piling, pipe laying and manholes. Replace paths and roads removed due to trenching.

8264 LYON STREET APPROACH

Construct ramps and fill and pave same for the purpose of providing a main truck route to connect the city with the areas to the north of the Golden Gate. Also includes excavation for superstructure, driving piles, necessary carpentry and electrical work, cement finishing, painting and laying of sewers together with other incidental work such as reconstructing tennis courts, removing and boxing trees, and shrubs, grading and constructing entrances and roadways to warehouses. Removing and relaying railroad siding, demolishing and rehabilitating various buildings, etc. All necessitated by this road construction. Not any part of the Federal Aid Highway System.

8389 FORT SCOTT BARRACKS SUPPLY ROOM

Excavation for basement under barracks buildings Nos. 11 and 12, make apertures in concrete walls and install doors and windows. Install reinforced concrete floor.

8399 SAN FRANCISCO WELFARE BUILDING

Office Building for the Department of Public Welfare of the City and County of San Francisco. Construct two-story and basement reinforced concrete and frame building complete. Build pool concrete walks, and landscape Court Area. Construct parking space. Excavation and backfill. Wreck present building.

8456 OFFICERS' QUARTERS - PRESIDIO

Renovate officers' quarters in the Presidio of San Francisco, by painting interior and exterior, reflooring repairing and improving plumbing and electrical work, making general carpentry repairs, and performing appurtenant work. This project will operate in the City of San Francisco, San Francisco County. Federally owned property.

8465 WEST PORTAL LIBRARY

Construct reinforced concrete library building; includes landscaping and work incidental thereto. City and County owned property.

FUNCTIONS OF
THE SAFETY DEPARTMENT

SAFETY DEPARTMENT

The function of the Safety and First Aid department is to supervise and direct all activities relating to Safety or First Aid to that extent which will enable the projects to operate with a minimum of hazard.

Large or extremely dangerous projects are given special supervision by qualified Safety Engineers. On other projects, the general supervisory force is fully instructed in Safety measures and the projects periodically inspected by members of the Area Safety Department.

Safety manuals are issued, showing in detail the proper precautions for every type of work, with specific instruction to fit every kind of project. These manuals are distributed to the supervisors of the various projects, for their guidance.

Trucks and all mechanical equipment used on projects are inspected regularly. Buildings occupied by W.P.A. projects are inspected for fire, sanitation and other safety measures before occupancy, and monthly, thereafter.

Workers are not assigned to specially dangerous jobs such as powdermen, electric saw operators, etc., until they have passed an examination by the Safety Department and been certified as competent.

The W.P.A. safety work is based on the simplest rules of safety -- on inspection, on education of workers and foremen

and, above all, on ordinary carefulness.

The required safety appliances such as goggles, safety belts and lines, dust respirators, and safety helmets are supplied when needed.

On all work projects there is assigned one or more persons (depending on size and nature of project) to administer First Aid in addition to their regular functions. These persons have all been instructed by, and hold First Aid certificates of, the American Red Cross.

All injuries, sustained by workers in the line of duty on the projects, are reported to the First Aid attendants who give emergency treatment. Major injuries are referred to the Marine Hospital for medical or surgical care. First Aid Kits containing suitable supplies are furnished each first aid attendant.

Flagmen are stationed on all projects located in the vicinity of traffic; warning signs, flags, and flares are displayed to warn approaching vehicles. Everything possible is being done to conduct projects in a safe manner for the protection of the workers as well as the general public.

Considering the vast number of workers employed on W.P.A. projects, and the large percentage who are doing work with which they were wholly unfamiliar, the record of industrial accidents on W.P.A. is extremely low. Even in the most dangerour kinds of work, the rate is less than half of that predicted by industrial accident insurance experts; it is the operation of a well organized Safety program that has made this record possible.

In the San Francisco Area, approximately $1\frac{1}{4}$ million man hours are worked per month. The average number of disabling or lost time accidents is 25 per month. Our cumulative frequency rate since the inception of W.P.A. is 19.4, which is comparable with the national rate and with other areas in California. Our cumulative "medical only" frequency of 31.1 is far below the national rate and approximately one-half the rate of the combined areas in California.

WOMEN'S, PROFESSIONAL
AND
TECHNICAL PROJECTS

WOMEN'S, PROFESSIONAL and TECHNICAL PROJECTS

In any discussion of the Works Progress Administration Program, one important fact must be noted. The circumstances which precipitated the economic conditions leading to widespread unemployment and consequent suffering also and with a kind of ironic justice, provided reasons for developing the works Program. For example; unemployment which lowered the standard of living, brought in its wake malnutrition and disease overtaxing the facilities of hospitals and clinics; business establishments, forced to meet unusual conditions of competition to prevent bankruptcy, often did so at the expense of sanitary and working conditions. The flood of complaints reaching the health department could not be handled, thus becoming the basis for a Works Progress Administration Project. Unemployment and shortened work weeks for thousands provided a new leisure to many in whose hands it might have become an instrument for unsocial activities. The need for organized recreation facilities was vital. Privately endowed museums whose program depended upon continued contributions found their funds cut off and much valuable scientific and research work curtailed. It seems evident, therefore, that at a point when community facilities needed to be expanded, government and private revenues were falling. It was in such a crisis that the Works Program was launched.

The possibilities for projects were made evident on every hand, and in a short time, as the Program grew, these

projects were found to fall into several general catagories.

SERVICE PROJECTS which include hospital works, clinic work, and the housekeeping aide projects.

PRODUCTION PROJECTS entailing the setting up of large sewing, and shoe repairing establishments to provide garments and repair work for the needy. And under this head may be mentioned the surplus commodity system which was a mechanism set up for distributing the products of these projects.

SURVEY AND INVESTIGATION PROJECTS, employing large numbers of needy "white collar" people as investigators, stenographers, and typists who undertook all forms of research surveys whose efforts have gone a long way towards assisting in public planning.

An education program filling a long felt community need whose possibilities were in the past hardly realized because of lack of funds by State and City Boards of Education.

Library and museum projects continuing work already begun and undertaking new work long neglected because of lack of funds.

The Recreation project, which will be more fully discussed in subsequent pages.

In no case was the work performed of a type which would displace anyone already in private employment or for which private funds were available. There have been hundreds of projects since October, 1935, the beginning of the Works Progress Administration program, for which lack of space prevents an adequate description. All, however, fit into the general classifications above mentioned. Some will be pointed

out as examples of representative work which the projects carried out.

EDUCATION

The education program was designed to provide coordinated and supervised educational activity for under-privileged adults and others in the fields of general adult, literary, vocational, parental, and workers' education. The present project, employing over 200 people, is filling a community need in the vital field of education.

A typical Progress Report, covering one payroll period, shows how the community has taken to the program and the manner in which the need is being filled. The report quoted is for December 15 to December 30, 1936, when there were 230 people on active assignment. At that time, 1000 classes in adult education were held, covered by 3500 teaching hours and 40,000 student hours. 22% of the classes were held in Americanization, 27% in vocational subjects, 7% in parental and counseling subjects, and 44% in general adult subjects. The program also provides trained counseling advice for the San Francisco National Youth Administration District and includes the compilation of case histories and field research on the youths. In this period, 276 youths were so counseled.

When it is considered that this work has been proceeding at the same rate since the inception of the Works Progress Administration Program - over two years - the significance of the work accomplished can be clearly realized.

A less publicized phase of the work, but one which is of considerable interest, is the preparation and correction of

EDUCATION

Unable to afford commercial or college courses, boys enrolled in the CCC have enthusiastically responded to the Correspondence Extension Service Division of the Emergency Education Program. Ten people are kept busy with the incoming and out-going mail which is seen piled on the shelves.

Americanization classes hasten assimilation into the new world. This phase of the Adult-Education Program is extremely well attended.

1928
65-3-1721
N-367
USA
WORK
PROGRAM
WPA

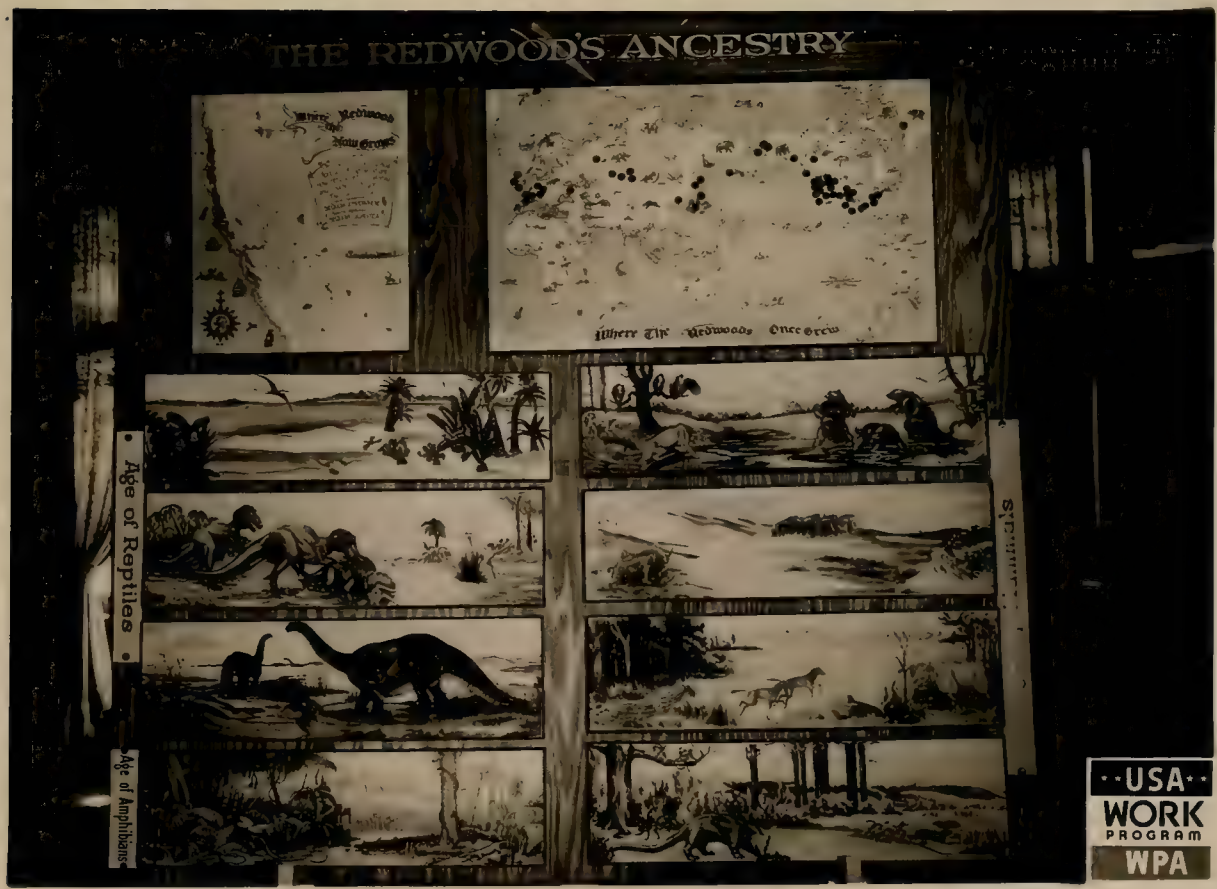
knife fork
spoon cup
plate · saucer
2038
65-3-3055
N-1081
USA
WORK
PROGRAM
WPA

REDWOODS

The finished cases containing the exhibits which show the life of the redwoods and illustrate the measures for their care. The visitor, almost without realizing it becomes a part of the forces of conservation.

A typical exhibit of the State Parks Redwoods project which artistically traces the history of the tree through the ages in relation to its ancestors and the contemporary flora and fauna.

USA WORK PROGRAM WPA



USA WORK PROGRAM WPA

clear away tables and to perform small duties which help to build the basis for future sound habits.

The program being an innovation in San Francisco, the facilities to house it had to be created. School buildings and community centers which are used for other purposes during other parts of the day have been converted into nursery school centers. Carpenters have prepared tiny lockers from old packing cases and orange boxes and have made the other necessary equipment scaled down to the needs and sizes of these new students.

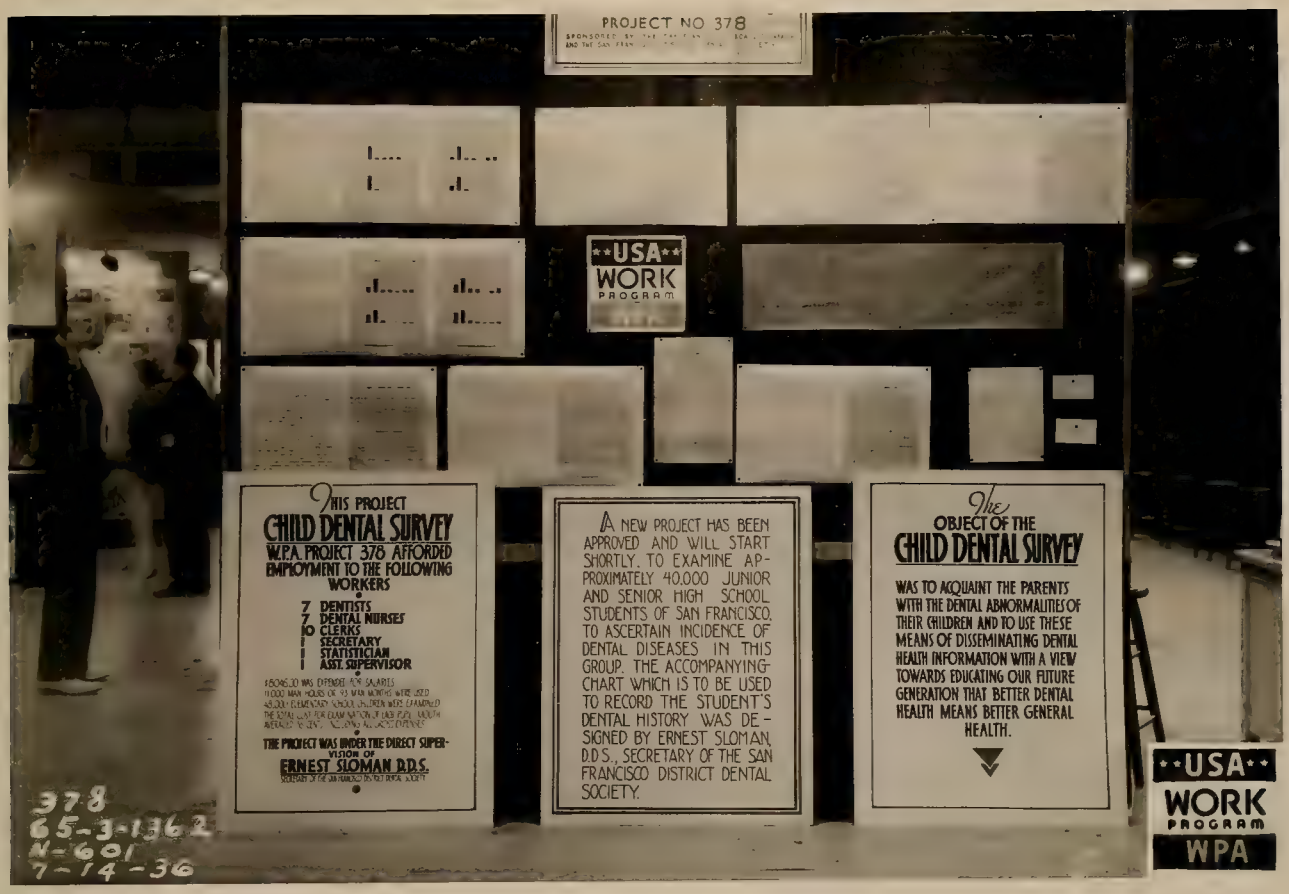
Another project which can be considered as a part of the educational program, although there are no classes or teachers, is the State Parks Redwoods project. This is sponsored by the State Division of Parks, and is considered an outstanding achievement. Artists and technicians recruited from the relief rolls have been trained to do the necessary technical work. The purpose of the project is to prepare graphic and pictorial materials to interpret the redwoods; it is the first attempt of its kind in the administration of a public parks system. Its object is public education with a view to enlisting every park user in the interest of conservation. The public response has repaid the effort and expense a hundred-fold.

From February 3, 1936 to October 8, 1937, 959 maps, 25 oil works, 12 color studies, 402 artistic redwood signs were made, 1188 photographs were taken, 720 lantern slides and 27 display cases were made, all of which were placed on public exhibition.

DENTAL SURVEY

An exhibit of the Dental Survey at the W.P.A. Exhibition of accomplishment. This graphic disolay attracted a great deal of interest and favorable comment on the health program.

Eighty percent of the sixty-thousand school children examined were found to require dental care. The parents of these children were informed and steps were taken by the Dental Association to work out a plan to interest parents in treating their children's teeth.


PROJECT NO 378
USA WORK PROGRAM
THIS PROJECT
CHILD DENTAL SURVEY
W.P.A. PROJECT 378 AFFORDED EMPLOYMENT TO THE FOLLOWING WORKERS
7 DENTISTS
7 DENTAL NURSES
10 CLERKS
1 SECRETARY
1 STATISTICIAN
1 ASST. SUPERVISOR
THE PROJECT WAS UNDER THE DIRECT SUPERVISION OF
ERNEST SLOMAN D.D.S.
A NEW PROJECT HAS BEEN APPROVED AND WILL START SHORTLY. TO EXAMINE APPROXIMATELY 40,000 JUNIOR AND SENIOR HIGH SCHOOL STUDENTS OF SAN FRANCISCO, TO ASCERTAIN INCIDENCE OF DENTAL DISEASES IN THIS GROUP. THE ACCOMPANYING CHART WHICH IS TO BE USED TO RECORD THE STUDENT'S DENTAL HISTORY WAS DESIGNED BY ERNEST SLOMAN, D.D.S., SECRETARY OF THE SAN FRANCISCO DISTRICT DENTAL SOCIETY.
The OBJECT OF THE
CHILD DENTAL SURVEY
WAS TO ACQUAINT THE PARENTS WITH THE DENTAL ABNORMALITIES OF THEIR CHILDREN AND TO USE THESE MEANS OF DISSEMINATING DENTAL HEALTH INFORMATION WITH A VIEW TOWARDS EDUCATING OUR FUTURE GENERATION THAT BETTER DENTAL HEALTH MEANS BETTER GENERAL HEALTH.
378
65-3-1362
N-601
7-14-36
USA WORK PROGRAM
WPA

378
65-3-1362
N-600
USA WORK PROGRAM

SERVICE

All health projects are of this type and may be subdivided into other classes under this head.

The health of a community is a fight against disease demanding continuous vigilance. It is never won, the enemy only subdued and not entirely vanquished. Relaxation of vigilance may set off an epidemic which might undo in one sweep the work built up over years. The Works Progress Administration has played an effective part in this fight and its work is well recognized. It has helped immeasurably to maintain health standards in the community.

1. HEALTH CONTROL PROJECTS

THE SANITARY INSPECTION PROJECT consisting of the Bureau of Industrial Hygiene surveyed in five months, 3,000 plants making in the process over 9,000 inspections. They uncovered 528 hazards which lead to disease such as rat infested cellars, inadequate toilet facilities and insect infestation. All of these violators are officially notified of the findings and warned to remedy them.

THE BUREAU OF COMMUNICABLE DISEASES has been assisted in its study of children to determine the relationship between living conditions and Chicken Pox, Mumps and Whooping Cough, and Infantile Paralysis. This work, not only of collecting the data, but in distributing it widely among the hospitals and the profession, is the ground work laid for stopping epidemics.

THE TUBERCULOSIS SURVEY collects valuable data, and is thus instrumental in saving many lives. The data covers persons who were reported to the San Francisco Department of Public

NURSERY SCHOOLS

The management of the Nursery Schools follows the most up-to-date practices. High standard of sanitation in surroundings and in the preparation of food is rigidly maintained by W.P.A. personnel. Pre-school training providing the patterns for future sound habits is given.

A cosmopolitan atmosphere prevails in the Nursery Schools. Children are accepted without restriction from the great diversity of races and nationalities which make up San Francisco's population. These four children represent as many nationalities; one is Chinese, one is Spanish, one Negro and one Italian.

5937
165-03-6999
N-618
USA
WORK
PROGRAM
WPA

5937
165-03-6999
N-623
USA
WORK
PROGRAM
WPA

Health between the years 1934 and 1936 as having tuberculosis. Its value arises from the fact that it covers precisely that portion of the population for which a tuberculosis control project should be mainteined.

Another health program is that performed by the Children's Agency concerned with children who are the wards of the Juvenile Court. There is a complete health program for them utilizing the services of dentists, doctors and nurses. This Agency investigates the home conditions of families who apply for the role of foster parents. In one year, 4812 homes were visited and inspected. As part of the social service, garments were made for 586 boys and 593 girls by seamstresses assigned to the project, using 6,890 yards of material.

The school health authorities and the dental profession have never had any substantially integrated information on the condition of the teeth of school children. The Dental Survey project, after probing sixty-thousand mouths found that 80% needed care. Satisfying is the fact that the Dental Association has sufficient faith in the findings to publish them and to utilize this work as a basis for a program of preventive dentistry designed to interest parents.

II. VISITING HOUSEKEEPERS

The visiting housekeepers have served the people hardest hit by poverty. They have gone into the homes of over 1,800 families where invalidism and sickness prevail. After a period of training in maid service and food preparation, home care and hygiene, over 8,500 visits were made.

CHILD WELFARE

W.P.A. nurses, taken from the relief rolls, assist the Welfare Centers, Clinics and Day Nurseries. Mal-nourished children, many of whom were carrying contagious diseases, were given much needed care.

HOUSEKEEPING AIDE

An elderly couple, both crippled, are assisted by a visiting housekeeper who does the heavy work. These housekeepers are fully trained in household management.

366
65-3-1365
N-1200
3-1-37
USA
WORK
PROGRAM
WPA

USA
WORK
PROGRAM
WPA
530
65-3-964
N-364

In cases where the client requires some special nutritive item in the diet for which the relief allowance could not be stretched, the recommendation is made that a proportionate increase be made to take care of the item.

The people who enter and work in the homes come in contact directly with all the problems of human conduct. Workers are therefore trained to meet with understanding such problems. An indication of the nature of the training may be noted in the following few items of instructions culled from a long list:

1. Remember that at all times you are subject to the families' wishes and instructions.
2. Try to be cheerful and adapt yourself to the surroundings.
3. Do not discuss your own or the client's affairs.
4. Do not indulge in neighborhood gossip.
5. Bathe small children.
6. See that places where food is kept are clean.
7. Provide your own lunch - the family may have only enough for its own needs.

These instructions serve to show the nature of the service rendered.

III. PRODUCTION

From the point of view of numbers, the backbone of the non-construction projects is the production group consisting of the sewing project and the shoe repair project. The latter is relatively negligible. Out of about 4,500 people on active assignment, about 3,100 are on the sewing project and 30 are on the shoe repair project. At least 150 workers who have gained proficiency on the sewing machines have found positions in pri-

vate industry. This fact alone does not sufficiently indicate the skill of the WPA workers since the opportunities for private employment in the garment trades in San Francisco are extremely limited. The sewing project is, of course, in no sence competing with private industry, for the articles prepared are for people who are on direct relief and who would not otherwise find it possible to buy the clothes that the sewing project contributes.

From October 16, 1935 to January 15, 1938, there was produced 1,273,016 garments. A typical list of some of the articles made, follows:

Infants'booties	Boy's shorts
Diapers	Boys' & Men's Underwear
Men's & Women's pajamas	Girls' & Ladies' slips
Smocks	Aprons
Bloomers	Sheets & Pillow Cases
Ladies' & Girls' dresses	Men's work shirts
Boys' & Men's dress shirts	Blankets
Melton Coats	Pants
Uniforms	Bathrobes

The mechanism for distributing these garments is the Surplus Commodity Project which is a clearing house for the distribution of food and clothing to WPA and County relief and various public non-profit agencies. Some statistics are of interest here. In the three months of January, February and March, 1936, 37,198 people benefited from the following distribution of food.

143,514	Lbs of beef
8,422	Cans of milk
26,025	Lbs of beans
404,089	Lbs of vegetables
12,179	Lbs of butter.

S E W I N G

A corner of the Sewing Project's display at the W. P.A. Exhibit. A few of the different articles such as infant bootees, shirts, slips, shorts, towels, and tablecloths can be seen on display.

SHOE REPAIR

Shoes that one cannot believe repairable are restored for San Francisco's needy. The service is on a while-you-wait basis.

The clothes are not handled on a hand-out system but are displayed as far as possible like a commercial store showing a collection of diversified styles and sizes. Clothing needs are ascertained by case workers who issue the orders for Surplus Commodities to fill. About 9% of the workers on WPA whose security wage falls below the subsistence wage which has been established for a family of their size on relief are permitted to participate in these commodities.

The Shoe Repair Project repairs the shoes of relief clients and of persons in the 9% on WPA already referred to. The project employs experienced shoe workers who have been thrown out of their occupation because of the general unemployment conditions affecting this business as it did many others. Many of them have owned their own small shops, and are fully qualified to perform the work they are doing.

LIBRARY AND MUSEUM

The work of projects under this head is an outgrowth of activities being performed by public and private institutions serving the public whose work was curtailed through lack of funds.

Libraries have been forced to neglect valuable pamphlets and periodicals and articles which have remained unavailable to the public because they were unbound. Damaged volumes were not restored to the shelves because they were not being rebound. Salvage work was not prosecuted and the volumes accumulated.

This, plus indexing and cataloguing describes substantially the work performed by the library projects.

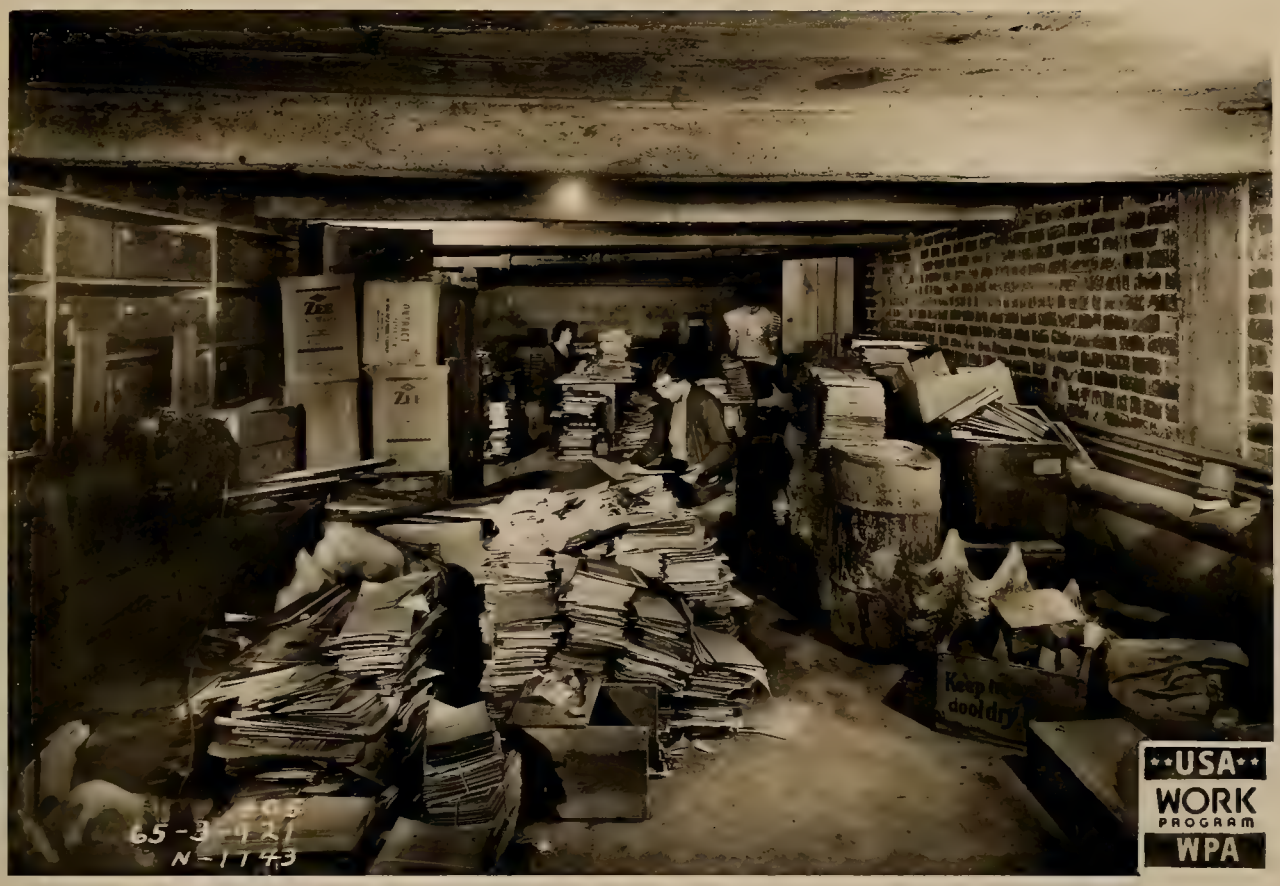
CALIFORNIA ACADEMY OF SCIENCES

LIBRARY

These valuable scientific documents and periodicals were permitted to accumulate for seven years in the basement in this haphazard fashion. A W.P.A. project stepping in, soon had these all organized and indexed for quick reference.

AFRICAN HALL

This is the largest exhibit of twenty-three in African Hall, Golden Gate Park, San Francisco. An exact reproduction of an African water hole scene down to infinitesimal details, work on this now famous exhibit was stopped because private endowments upon which the Museum depends were decreased during these past years. W.P.A. artists were trained for this unusual work by the Museum.


65-3-421
N-1143
USA
WORK
PROGRAM
WPA

405
65-3-9
N-56
USA
WORK
PROGRAM
WPA

Between March and September, 1937, the project established for the California Academy of Science Library, bound 2,191 volumes in addition to large amounts of work on filing and index cards. In the San Francisco Public Library from October 1936, to September, 1937, 95,295 catalogue cards were prepared and 7,730 sheets of music were repaired.

A representative museum project is the African Hall of the California Academy of Sciences. The interest the public displays in the museums may be gauged from an available attendance comparison. In the 1934-35 year, over 1,000,000 people passed through its doors, while during the same period, the Chicago museum, located at the entrance of the Century of Progress in that city, drawing people from all over the world, had only 3,000,000 visitors. The project helped the undermanned staff to create remarkable realistic exhibitions of animals in their native African haunts. This exhibition in a short space of time has achieved considerable fame. Additional work is performed behind the scenes in laboratory and research assistance in Paleontological work and in bookbinding and classifying valuable scientific documents.

RECREATION

Changing economic circumstances which threw people out of work and curtailed business production, shortening hours, provided many people with something new in their lives - namely; leisure. Enforced leisure, though it was, it still was a problem and a challenge to the community. Organized recreational facilities maintained by the City and by local community centers, found themselves taxed beyond their capacity.

RECREATION

A game of night baseball. Darkness does not stop the work of the Recreation Project. Supervised recreational activity is provided for those whose leisure time occurs only in the evenings.

Marionettes are one of the most popular features. Large, interested groups of participants work along every phase from construction of the puppets to modeling heads and costuming them until they finally come to life on the stage.

781
65-3-959
N-294
USA
WORK
PROGRAM
WPA

781
65-3-959
N-288
USA
WORK
PROGRAM
WPA

RECREATION

Free instruction in boxing is furnished through the city. The art of self-defense is highly popular.

These boys are just about to participate in the annual Kite-flying contest.

781
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N-287
USA
WORK
PROGRAM
WPA

781
65-3-959
N-294
USA
WORK
PROGRAM
WPA

The WPA Recreation program was designed to augment existing facilities for recreation in the city. Every phase of a recreation program was set up for adults, children and adolescents.

On January 15, 1938, the Recreation Project supplied WPA leadership and assistants to 69 centers employing 278 people on active assignment. A breakdown of these figures gives a more complete picture of the activities of the project:

Centers Served	
Recreational Centers	3
Playgrounds	38
Gymnasiums	8
Tennis Courts, etc.	8
Swimming Pools	2
Other Buildings	10
Total	69

The activities show a wide range running through physical recreation, arts, crafts, and hobbies, drama and rhythmics, social recreation, music, special and seasonal events. From December 31 to January 15, 2,329 classes were held in which 35,950 children and 21,815 adults participated; witnessed by 17,384 spectators.

Aside from the community values derived from this program, WPA workers are themselves receiving invaluable training in all phases of the work so that they are benefitting on an equal basis with other participants.

Somewhat off the beaten path of this project was a survey, conducted by attorneys charged to the recreation project, of the City's ordinances relating to children. This survey was made for the Recreation Commission with a view to the preparation of new ordinances aimed toward furthering

the welfare of children.

CULTURAL

The cultural aspects of the program have been overshadowed by the prominence which the Federal projects have attained in the fields of art, music, and drama. However, the California Art Research, a project locally established in the field of art, has performed an outstanding piece of work and achieved a widespread fame. This project was written to investigate the economic condition under which art and artists flourish in San Francisco together with the preparation of biographical data about the artists and the development of art collections. San Francisco has a rich cultural background and the names of the artists studied are among the most prominent in the nation. The project prepared 20 volumes each consisting of monographs on from two to four artists. Two thousand, one-hundred and twenty-nine (2,129) copies were printed and distributed to California Public Libraries and private and semi-private institutions interested in California Art. The files are full of the correspondence which these volumes elicited from these institutions. These in nearly every case asked for additional copies. Recommendations to institutions all over the country which might want these volumes were also made and orders were filled as received.

Another project of an historical nature is one originally set up as a Federal project and conducted on a national scale. The Historical Building Survey Project, as it is now named, is making permanent records of buildings possessing historical interest in California and which may soon disappear from the American scene due to old age or because

they impede the progress of some modern development.

THE AMERICAN MERCHANT MARINE HISTORICAL SURVEY is also of this type. The day of the sailing vessel being past, the romantic old ships are fast disappearing from America's waters. The project, by preparing plans and designs and engaging in research in connection with these old ships will prepare a lasting record of their design and history. Carefully worked draftsman's plans in final form will be filed in the collection in the Smithsonian Institute, in Washington, D. C, thus preserving another portion of the vanishing and colorful background of American life.

PUBLIC ADMINISTRATION PROJECTS

The projects which have been devoted to work directly within the City's and State's administrative departments are many and varied in character.

The majority of these projects were of a general clerical type, applied to overhaul old files, inventory and index old documents, maps, etc., and operated in the record rooms of such departments as the Public Utilities Commission, County Clerk's office, Real Estate Department and Probation Officer.

While there is no noteworthy example to be cited, a general statement may be made that the Works Progress Administration program effected a considerable amount of valuable work within these departments. Very little of this work would have been possible for the sponsor to realize since budgets are uniformly paced to the bare essentials of current operation. As a general rule such projects were supervised by the Sponsor who also furnished all materials and

equipment.

A project which operated in the County Clerk's office is here selected as an illustration of the general nature of the work performed. This project was designed to renovate and modernize the records of the County Clerk. The work consisted chiefly of examining, refiling, renumbering, removing and transferring these records. From April 11, 1936 to October 15, 1937, 414,321 documents were filed, 144,396 labels were stenciled, 7,887 labels were hand printed, 4,823 maps were colored and 5,944 cards were prepared.

Fewer in number, but important in achievements and public benefit, are the professional and semi-professional type projects which have been operated in the interest of public administrative departments - principally those of the city and county.

A brief description follows of a few projects that will have marked effect in raising the standards of public service.

CODIFICATION OF CITY ORDINANCES:

An act of the State Legislature in 1856 created the City and County of San Francisco as a political entity. The first charter went into effect in 1900. From that time until 1906, when all the permanent records of the municipality were destroyed by fire, the laws were passed as "ordinances". After that date a new series of ordinances were started, now comprising twenty-two volumes of pasted slips, being the laws as published in the official newspaper.

A new city charter in 1932 provided for setting up a Municipal Code and an Administrative Code. By 1935 the

advance toward a code had been merely the decimal system of numbering ordinances as they were passed.

During 1935, a start toward codification was made by a State Emergency Relief Project. Since then, through WPA's continuation of the work, a code is nearing completion.

The work has involved careful reading and study of some twenty-thousand laws, covering a period of eighty years.

At the start of this work the only published records available for the period before 1906, were the "Orders" of 1884 and 1896, and the "Ordinances" of 1904. Only a few months ago a project worker discovered four additional volumes in the storeroom of the Law Library, covering theyears 1866, 1872, 1888 and 1894.

It must be appreciated that a master list of all known laws, - before the fire and since, - grouped, indexed and studied for possible amendment, repeal, duplication or conflict, has been an essential step involving much time and work by competent attorneys. The succeeding steps are no less important in finally arriving at a code; i.e., laws segregated, classified, and indexed, and the Municipal Code set up under proper title, division, chapter, article and section.

A valuable feature of public service in connection with this code, unlike those of other cities, will be tables of court decisions and opinions of the city attorneys since 1893. For example, a Traffic Ordinance, enacted in 1927, has had 125 amendments which are scattered through six volumes of clippings.

The public benefit to the present and future generations in dollar value cannot be estimated, since it will save so much time wasted by the court, lawyers, supervisors, heads of municipal departments, boards, commissions, and others such as contractors and builders.

It may be pointed out that for the first time since 1906, there will be order instead of chaos in questions of existing municipal laws so that now a layman may find all of the law in one place, where before no attorney could be certain that he had found all of it.

PAROLE SURVEY

Another important project of a legal nature operating to the advantage of public administration, having great potentialities for public benefit, is a comparative survey of:

(a) The effect of administration of parole laws on crime in San Francisco.

(b) The laws relating to parole of the State of California, Illinois, Massachusetts, New York, Washington and of the Federal Government.

This project was sponsored by the City and County of San Francisco, and the final report was published by the Sponsor in April, 1937.

The presentation of parole laws was based upon the latest published case or statute for each jurisdiction. The results of the administration of such laws was based upon the published reports of parole boards and correspondence with each jurisdiction.

The parole administration in San Francisco was based upon records and reports covering a five year period end-

ing June 30, 1934, in three courts, the Police Department, the Coroner's Office, and the California Boards of Prison Directors and Prison Terms and Paroles.

The published report covered a brief history, and the theory and practice of parole, the necessary statistical tables and charts to compare laws and their effects in the six jurisdictions, a summary and fifteen editorial conclusions. The report included as an exhibit the proposed uniform rules and regulations of California County Parole Boards.

The report received considerable favorable newspaper publicity and editorial comment. It is difficult to ascertain the definite extent to which the work has already proved of practical value, but since its publication, legislation has been enacted in several jurisdictions (including California) tending to correct some of the conditions brought out in the report.

The comparative statements on the existing laws and on the effects of the administration of them, are not elsewhere available, and will make the report of continuing value to legislators, government officers, and criminologists. Requests for copies of the report, from officials and educational institutions, haveexceeded the supply.

SAN FRANCISCO POLICE RECORDS

Work started in November, 1936 under a project sponsored by the City and County. It had long been conceded by all concerned that the existing system in the Police Department must shortly be reorganized, but funds were not available.

The record and filing system was obsolete and un-

satisfactory. Reports and records in the various precinct stations were kept according to the individual ideas of the police officers in charge, resulting in incomplete and non-uniform reports often inaccessible and not infrequently lost.

The Police Library contained some valuable material but it was practically inaccessible because it was not indexed or arranged for use. There was no bibliographical acquisition list to build up a library on police and criminal administration, nor was such material generally available in San Francisco Public Libraries. There was no curriculum for a recruit or special detail training school.

The project made an analytical study of offense report forms in use in those cities having modernized Police Departments, with due regard for statistical reports to the Federal Bureau of Investigation, and to the local conditions peculiar to San Francisco. From this study were drafted twenty-one offense report forms that will enable the department to compile accurate daily, weekly, monthly and annual reports.

In connection with the effecting order, the project prepared a Record Routing Chart, and a 120-page manual on use of forms, which were published and posted in every station.

The report forms were adopted and an order placed them in operation in the department December 1, 1937, with the result that, insofar as a record system is concerned, the department is the equal of any municipality in the United States. The system is operating satisfactorily and has the complete approval of the Chief of Police.

At present, the records in the precinct stations, for the year starting July 1, 1937, are being either rewritten or compiled up to the starting date of the new system so that accurate statistical information will be available for the reports for the year ending June 30, 1938.

The Police Library has been catalogued, clipping bureau reorganized under uniform crime classification, and a modern curriculum for police schools completed.

In the opinion of those acquainted with the police administration there is no doubt of the permanent and practical value of this work to the city and to the country at large.

ENGINEERING SURVEYS

The survey and mapping of underground structures in the congested downtown area of San Francisco was another of the important contributions made by the Works Progress Administration.

The first of the projects to operate was Works Project No. 3571. The work accomplished by it was originally intended to be performed by the Public Utilities Commission. The City Engineer estimated that the survey would cost the City $75,000, a sum which it could not then afford; a WPA project was then sponsored by the Commission.

Under this project, one branch of a proposed subway route was surveyed and mapped for sub and surface structures. It operated between March and October, 1936, covered 15,300 lineal feet of route. The combined cost in Federal and sponsor funds was $46,069, or $3.01 per lineal foot.

SUBWAY SURVEY

Two views of a base-line party on Market Street in San Francisco making a survey of the proposed route for a subway system. These men are expert draftsmen and field engineers whose findings are given official recognition through the sponsor, THE PUBLIC UTILITIES COMMISSION.

USA
WORK
PROGRAM
WPA

Spalding
3571
65-3-4425
N-248
USA
WORK
PROGRAM
WPA

This project was so successful that Works Project No. 4819 was started under the same sponsor, to survey and map the other two branches of the proposed subway route, along Montgomery, Geary and Mission Streets. This project operated between October, 1936 and November, 1937, surveyed and mapped 36,700 lineal feet of route at a total cost in Federal and sponsor funds of $87,377, or $2.38 per lineal foot.

As the worth and efficiency of the work performed byWPA was demonstrated, a third project (Work Project No. 8252) was recently started to survey and map the remaining congested underground area of down-town San Francisco. Although the sponsor was the Public Utilities Commission, copies of drawings furnished the City Engineer's Office and the Department of Electricity are highly regarded by them, and they at once started using the information.

Public Utilities Companies cooperatedwith WPA to the fullest extent in turning over their data, and in return, blue prints of the completed work have been furnished, the excellence of the finished work receiving fulsome praise.

The field survey discovered many features unknown by the present City Engineer's and Public Utilities offices.

Several large fire cisterns, constructed before the fire of 1906, were discovered under Market Street. TheFire Department has renovated these and now holds them as standby water supply.

Since all measurements were based on precise survey lines, many errors were found in files of the city survey department. The City had previously no record of encroachment over city property lines. From the first two projects the

city has received a permanent record in the form of inked cloth tracings, 500 in number, or over 2,200 square feet of tracings, of a complex and congested underground condition of water, steam and sewer pipes, cables, conduits, etc. Considerable praise of the work performed has been received from a firm of New York Subway engineers, Ridgeway & Brahdy.

With the accurate information gathered by the underground survey, the Public Utilities felt safe in making tests of the sub-soil conditions along the route of the proposed subway. Accordingly, Works Project No. 7028 was sponsored by them, and operating between May and December, 1937, the project put down 168 test holes to an average of between 50 and 60 feet in depth, along the route covered by the first survey. Eight hundred and ninety (890) soil samples were collected and labeled, 7,712 linear feet of borings were made. The Federal and Sponsor cost was $10,629 or $1.38 per lineal foot of boring. It has been estimated that the cost to the City under private contract would have been nearer $3.00 per lineal foot. Under a current project it is expected that the cost will be further reduced, due to experience gained. Whether or not the information gathered is ever used in subway construction, it will remain of permanent value to the city and construction engineers in planning future construction.

BRIEF DESCRIPTION OF WOMEN'S, PROFESSIONAL
and
TECHNICAL PROJECTS

OPERATED IN AREA 7

Contained on the following pages will be found a modified description, together with works project number and title, of all Women's, Professional, and Technical projects pursued in Area No. 7 during the period October 1, 1935 to December 31, 1937.

The material used has been adapted from the official abbreviated description contained in the Project Proposal, WPA Form 301. Even though, from time to time, supplementary applications have been approved and put into operation, the basic description given has remained constant.

It is interesting to note that the range of projects undertaken provides employment for professional, educational, clerical, and technical persons with the proviso, in nearly all instances, that the work to be consummated will displace no regularly employed Sponsor's personnel.

The financial statistics of all projects described may be ascertained from the pages of figures with corresponding work project numbers.

A BRIEF DESCRIPTION
of
WOMEN'S and PROFESSIONAL PROJECTS
in
SAN FRANCISCO

****

46 MURALS - U.C. HOSPITAL

Completion of six mural panels decorating Cole Hall Auditorium and Toland Hall.

47 CONTROLLER'S RELIEF CASES

Collection and filing of data on County and SERA relief cases.

48 SANITARY INSPECTION

Sanitary inspection of factories and industrial plants.

53 CONTROLLER'S RECORDS

Installing records; indexing payrolls; keeping up system in Comptroller's office.

71 BAND MUSIC SALVAGE

To salvage and catalogue music accumulated by the Golden Gate Park Public Band.

358 BUREAU COMMUNICABLE DISEASES

To supplement the regular Departmental staff in the Department of Communicable Diseases.

359 CALIFORNIA ACADEMY OF SCIENCE - PALENTOLOGY

Department of Paleontology, California, Academy of Science - clerical and technical assistance. E.R.A. project.

366 CHILD WELFARE

To provide graduate nurses for assistance to public health doctors.

370 JUVENILE DETENTION HOME

Provide supplementary aid; investigating and counseling under-privileged children; additional office help for Juvenile Court.

371 STATE LABOR INSPECTION

Public Works inspection of State buildings.

378 DENTAL SURVEY

Dental survey of San Francisco school children.

405 CALIFORNIA ACADEMY OF SCIENCE - AFRICAN HALL

California Academy of Science to complete the preparation for public exhibit of the African Habitat. E.R.A.

457 SAN FRANCISCO LAW LIBRARY

Clerical assistance to catalogue books of San Francisco Law Library.

458 BOARD OF EDUCATION LIBRARY

To provide clerical assistance in Library.

476 U.C. MEDICAL LIBRARY

Complete a quadruple card catalogue of literature.

477 STATE DIVISION OF INSURANCE

State building. Statistical and clerical assistance.

525 W.P.A. SEWING

A sewing project to produce finished garments and other wearing apparel for the needy of San Francisco.

527 KNITTED GARMENTS

To manufacture knitted garments.

528 CENTRAL FOOD CLINIC

Central Food Clinic to demonstrate significance and preparation of foods.

529 SHOE REPAIR

To set up and operate a shoe repair factory.

530 VISITING HOUSEKEEPERS

Instruction and supervision in management of homes - visiting housekeepers and mother's helpers.

605 DE YOUNG MUSEUM FRAMING

Mount, repair, De Young Memorial Museum. City owned. Prepare material for storage or exhibit.

772 CHINESE HEALTH CENTER

Office Attendant, clerk, janitor in Chinese Health Center at 1212 Powell Street. E.R.A.

773 ADULT PROBATION

Stenographic assistance and file clerk.

781 RECREATION

Expansion of recreation program personnel of playgrounds at 7th and Bryant Streets.

861 CALIFORNIA ACADEMY OF SCIENCE - LIBRARY

At the California Academy of Science Library, catalog and bind scientific publications. E.R.A.

951 STATE FISH AND GAME LIBRARY

Catalog books, magazines, etc., in the Division of Fish and Game. E.R.A.

954 ALASKA FUR RECORDS

Copying of Alaska-San Francisco Fur Shipment records from 1876 to 1905.

1055 STATE MINING SURVEY

An exploratory project to determine range of activities, and outline plans for a State-wide mining survey.

1224 NURSERY SCHOOLS

Handymen, cooks, laundresses, and carpenters to assist in the operation of the Nursery School Unit. E.R.A.

1356 LIGHTHOUSE

Clerical assistance in weeding out old records.

1365 CODIFICATION CITY ORDINANCES

Codify City and County Ordinances.

1366 U.C. HOSPITAL - GENERAL

Supplement regular staff to assist in work hospital at University of California Medical Center.

1367 STATE STATISTICAL ART

Research for preparation of a mineral map of the State.

1475 STATE DIVISION OF MINES

At San Francisco Ferry Building, clerical assistance for compilation, correlation, and indexing publications of Division of Mines. Record current geological

research reports; index a bibliography of California Mines.

1497 STREET LIGHTING SURVEY

Survey of existing street lighting equipment of city.

1498 VETERANS' GRAVES SURVEY

A survey of the graves of War Veterans from the Civil War to date.

1525 LETTERMAN GENERAL HOSPITAL

General Hospital - clerical work.

1646 CITY MAPS AND RECORDS

Compilation of maps and records of city-owned real property.

1897 CHILDREN'S AGENCY

For investigation and clerical service in regard to dependent children; trained nurses to render health work; seamstresses to help in making clothing for wards of the Court.

1928 TEACHER'S COLLEGE - CLERICAL

This project is for emergency clerical assistance to the Correspondence Extension Service of the State Department of Education which resulted from an increased scope of this service in covering the C.C.C. camps. Work covered in this project will be done for the Department of Education in the State of California located at 124 Buchanan Street.

1934 SUPERIOR COURT FILE REMOVAL

Transferral of records of the Superior Court of San Francisco covering years 1906 - 1915, in custody of County Clerk, from main office to fifth floor storage.

2034 SURPLUS COMMODITIES

To provide for receiving, storing, handling, accounting for surplus commodities furnished State E.R.A. by Federal, State, and other agencies for distribution to its relief clients, public agencies and institutions.

2038 EMERGENCY EDUCATIONAL PROGRAM

To provide Emergency Educational Program including Literacy Classes, Workers' Education, Vocational Training, General Adult Education and Parent Education. Maintenance and operation of free nursery schools for the needy. Not a part of present educational budget, using relief personnel for supervisors and attendants.

2609 DEPARTMENT OF INDUSTRIAL RELATIONS

Provide stenographic and clerical assistance in the Divisions of: Accounting, Industrial Welfare, Fire and Safety, Immigration and Housing, Industrial Accident and the Director's Office. In addition to the normal functions. No current work to be done.

2683 U.S. DEPARTMENT OF LABOR STATISTICS

Family expenditure study. Food consumption records taken by trained visitors. Completion of S.E.R.A. study undertaken by State Division of Labor Statistics with cooperation of Bureau of Labor Statistics.

2779 REHABILITATION PLACEMENT.

Assist the Vocational Rehabilitation Bureau in finding suitable employment for physically handicapped workers in the City and County. Placement Counselors and assistants supplied with complete records of the educational and experience background of clients for which they attempt to secure individual placement. E.R.A.

2863 BUREAU OF EPIDEMIOLOGY

State Department Public Health. Inauguration of uniform record system, permanent tuberculosis and non-acute reportable diseases file, and disease tabulations in State Building.

2865 SAN FRANCISCO COUNTY RELIEF CASES

Re-filing of material in relief case records to the extent of approximately 5,000 cases. Headquarters 51 Gough Street.

2868 CALIFORNIA ACADEMY OF SCIENCE MANUSCRIPTS

Assistance in installation of exhibits and copy of special manuscript field reports for California Academy of Sciences at instance of M.H. DeYoung Museum. Continuation of SERA project.

2871 CENTRAL MEDICAL FILES

The consolidation of the file rooms and installation of master filing system for the Central Medical Bureau. Work contemplated is in addition to the normal function of the bureau.

2872 STATE COMMERCIAL ARTISTS

Technical assistance to the State Department of Health Health located in the State Building. Work contemplated is in addition to the normal function of the Health Department.

2873 STATE PARKS - REDWOODS

Preparation of graphic, educational, and reference material in the form of charts, maps, and pictorial exhibits delineating the Redwoods and associated plants and animals for the California State Parks System. No provision for this valuable educational exhibit type of project.

2874 CALIFORNIA ART RESEARCH

Compiling history of the development of art collections in San Francisco and to prepare a report on the economic factors relating to the development of art in this metropolitan region. Also to compile a series of biographical sketches relating to artists in California. This work had never been undertaken before. No provision has ever been made for this unusual work.

2877 SAN FRANCISCO HOSPITAL - GENERAL

To employ personnel to set up an overflow ward in the San Francisco County Hospital to aid in the care of needy patients inadequately cared for under the normal routine. Personnel from relief not to be used in current work. This is a public institution.

2880 STATE MINING RECORDER

Preparation of property maps of mining districts by township plats from official records of County Recorder, Ferry Building.

2888 STATE FISH AND GAME TRANSLATION

Translation into English of 2 leading German Scientific works dealing with trout and trout culture. Personnel from relief not to be used on current work. Funds for project not included in fiscal budget.

2891 STATE PARKS BOUNDARY

Copying, on specially printed forms, descriptions of boundaries and other legal data concerning each of the 70 parks in the State System.

2892 STATE MINES LANTERN SLIDES

For technician to copy aerial and other photographs, develop and print films and make lantern slides illustrating geologic phenomena for the California State Division of Mines. From personnel on relief;not to be used for current work. No public funds are available for this purpose.

2895 STATE SOCIAL WELFARE

State Department of Social Welfare. Rendering assistance to Department of Social Welfare by preparing a

special biennial report, for the Legislature, and securing data on the work of clubs, institutions, and foster homes throughout the State. Work would not otherwise be done due to budgetary limitations. Continuation SERA. All personnel to be taken from relief rolls. Not a normal function of this institution.

2896 EXPERIMENTAL FISHING

Research investigation to determine the distribution from month to month by species and sizes of bottom fish in the north coastal waters of California - 450 McAllister Street.

3298 STATE SEWING

To employ women as seamstresses, both hand sewers and machine operators, cutters, designers, mechanics, and technicians. This project will make work shirts and pants, jeans and underclothes, blouses, women's hats, men's caps, women's and girls' dresses and other garments and boy's clothes. The garments made on this project will be distributed to certified relief families through the Commodity Distribution Division. Also, wherever possible, to employ youths from 16 to 25 years old, in accordance with the rules and regulations of the National Youth Administration. State-wide sewing project.

3329 STATE DIVISION MINES RESOURCES

Assistance in compilation of Handbook of Geology and Mineral Resources of California; drafting 400 to 500 maps and other illustrations; clerical work. Ferry Building. Extension of work not provided for in normal budget of Sponsors.

3330 CHINESE ANTHROPOLOGY

Standardization of Age-Weight-Height scales and anthropometric indices for Chinese children.

3409 STATE PLANNING BOARD

To provide the funds to continue the planning and coordinating work of the state planning boards.

3510 INLAND FISHING WATERS

Selection, analysis and permanent recording of physical and biological data pertaining to the inland fishing waters of California - 450 McAllister Street. Personnel to be taken from relief rolls.

3571 MARKET STREET SUBWAY SURVEY

Survey to locate and map all building fronts, including area walls and foundations and all the utilities

in the street, such as poles, lamp posts, alarm boxes, hydrants, conduits, cables, manholes, transformers, pipes, sewers. Fremont Street from Folsom to Market Street, Market Street from Fremont to Church Street. Does not involve house-to-house canvassing. Personnel to be taken from relief.

3724 TUBERCULOSIS SURVEY

Survey of the incidence of tuberculosis, degree of medical, nursing, social care and resources available to patients in San Francisco Health Center Building.

3779 CULTURAL ANTHROPOLOGY

At 49 Fourth Street, San Francisco. Completion of study of Latin and Oriental populations in San Francisco and Alameda. Counties started under SERA.

3802 LETTERMAN HOSPITAL LIBRARY

For repairing books at the Letterman General Hospital. Sponsored by the Letterman General Hospital and the County of San Francisco. Federal Property. Permission to do the work has been obtained from the proper Federal Agency.

3864 NATIONAL FOREST MODELS

Building of model relief maps of forest areas in California. Will provide aid in planning for transportation, fire detection, logging unit, reforestation in forest areas.

3865 SAN FRANCISCO LIBRARY - PERIODICALS

Compilation of "union" list of periodicals of libraries of the San Francisco Bay Region for the San Francisco Public Library. Not a normal function of the sponsor.

3955 P.P.I.E. RECORD SALVAGE

Examination, index, and salvage of records of the Panama Pacific Exposition of 1915, to make available the significant economic and engineering data and historic material contained therein for purposes of municipal participation in the San Francisco Bay Exposition of 1938. Not a normal function of this institution.

4018 TUBERCULIN TESTING

Assist the San Francisco Department of Public Health in the cooperative exchange of data relating to tuberculin testing of dairy herds with the State Department of Agriculture and the Administrator of the Jones Connolly Act. Service not covered by the normal budget.

4078 JUNIOR AND SENIOR HIGH DENTAL SURVEY

Examine and record the condition of the mouths and teeth of the Junior and Senior High School students to ascertain ratio on dental abnormalities; to tabulate and summarize this information. To publish this information; to make recommendations to the San Francisco District Dental Society, California State Dental Association, San Francisco Board of Health, and the San Francisco Board of Education. To acquaint parents with the dental conditions of their children.

4215 MUNICIPAL ACTIVITIES

To employ persons from relief rolls in the supervision of municipal recreational and instructional centers to provide for instruction in language, home economics, hygiene, and allied subjects. To be operated on donated, publicly operated centers. No improvements to be made to private property.

4249 LAND USE SURVEY

Preparation of maps and data on present uses of land in the City and County of San Francisco, with compilation and quantitative analysis of statistical material. Not a normal function of this agency and will not displace any regular employees.

4366 PRESIDIO COST RECORDS

Modernization of initial and maintenance cost records of the 500 San Francisco Presidio buildings; this project on Federal property with permission of the proper Federal Authority. Work is not a normal function of the sponsor.

4381 MUNICIPAL HOUSING COMPILATION

Completion and final reports on uncompiled data of completed field work of Municipal Housing Survey. 450 Gough Street.

4453 PAROLE LAW STUDY

Comparative study of State parole laws and effect of administration of Parole Law on crime in San Francisco. 403 Civic Auditorium. This is not a normal function and it will not displace any of the regular employees.

4462 SAN FRANCISCO WOOD MODELS

To build scale wood models of San Francisco and pertinent adjacent territory in San Francisco and San Mateo Counties. To be constructed in removable sections for examination and experimental manipulation for planning studies relative to the formation of a new Master Plan of the city, such as re-zoning, re-building, new high-

way development, etc. Will be housed by the City as a permanent public exhibit at the San Francisco Bay Exposition. Work will be done in the City Hall.

4463 SELF-HELP COOPERATIVE DATA

Transcribe, index, catalog, box, and tab valuable data pertaining to Self-Help Cooperatives for permanent records and prepare a report. Will displace no one now employed. No provision for this work in any budget.

4577 FIELD HEALTH NURSING

Field Health Nursing Division, San Francisco Department of Public Health. Reorganization of Library and Files, clerical aid for additional nursing duties, tabulation of school children immunity status survey. Entire personnel to come from relief rolls.

4667 COUNTY FINANCIAL DEPARTMENTS

To provide clerical assistance in county financial department for organizing and filing and indexing public records. Not now a part of normal budget function

4729 SAN FRANCISCO CLOTHES

County-wide; San Francisco County. For the benefit of persons from relief rolls - renovating, cleaning, re-modeling garments and hats to be distributed free to the needy.

4819 MISSION-GEARY SUBWAY SURVEY

530 Bush Street, San Francisco County. To provide employment for needy persons; to locate and map all water, gas, steam, and sewer lines; street car, electric, telephone, telegraph lines; and all building foundations. Not a normal function of this institution and no one normally employed will be displaced.

4867 RECREATION, SCHOOLS

County-wide, San Francisco County. For the benefit of persons from relief rolls in the recreational supervision of children in public schools, in games, sports, and other activities in the vicinity of public schools.

5285 PUBLIC LIBRARY BOOK REPAIR

To provide employment for needy persons to bind and repair books in the public library in the City of San Francisco. This is not a part of the normal work of this institution and will displace no personnel normally employed.

5344 LETTERMAN HOSPITAL LIBRARY

A project to provide employment for needy persons to bind and repair books in Presidio at Letterman General Hospital. Not a part of normal work of institution and will displace no one normally employed. Federal owned property. This project is in addition to and beyond the original scope of Official Project 265-03-7000.

5376 DE YOUNG MUSEUM FRAMING

Prepare, mend, and arrange museum pieces at the De Young Museum in San Francisco.

5418 CODIFICATION CITY ORDINANCES

To provide employment for needy professional and clerical persons to reference, edit, classify and index city ordinances, also to modernize departmental manuals and compile legislative history of amendments and repeals at the City Hall in San Francisco.

5457 CALIFORNIA ACADEMY OF SCIENCE - PALEONTOLOGY

To assist in indexing, cataloging and bibliography in connection with accumulated fossil collections. Also prepare and store specimens, and make scientific reports of same. In the Academy of Sciences in the City of San Francisco.

5473 U.S. DISTRICT COURT FILE REVISION

To transcribe, catalog, cross-index, and prepare a new file of records in the office of the U.S. District Court in San Francisco. There is no normal budgetary appropriation for this work.

5576 POLICE DEPARTMENT RECORDS

To provide employment for needy clerical and professional persons to reorganize records and Police Library and develop a curricula for a police school in the city of San Francisco.

5591 SAN FRANCISCO LIBRARY PERIODICALS

Compiling a "union" list of periodicals of the San Francisco Bay Region for the Public Library.

5649 MUSIC SALVAGE

To salvage, make copies, arrange and catalog various musical compositions at the DeYoung Museum, San Francisco.

5650 CONTROLLER'S RECORDS

To transcribe, catalog, cross-index and prepare a new file of records in the public office of the Controller in San Francisco.

5652 HANDBOOK OF ECONOMIC DATA

To prepare a cross-index and brief description of available economic data by subject matter, indicating source in the city of San Francisco.

5653 CHILDREN'S AGENCY

To provide employment for needy persons in maintaining social service to wards of the Juvenile Court which have been committed to the Children's Agency in San Francisco.

5670 U.C. MEDICAL LIBRARY

To classify and catalog reprints and theses and prepare periodicals for package circulation among rural physicians; also classify, catalog and preserve manuscript material on file in University of California Medical Center Library in San Francisco.

5671 BOARD OF EDUCATION LIBRARY

To provide employment for needy persons for simple cataloging and servicing of new and old books of the Board of Education Library in the City of San Francisco. This project employs mostly women.

5687 CITY REAL ESTATE DEPARTMENT - RECORDS

To transcribe, catalog, cross-index, and prepare a new file of records in the public office of the Real Estate Department in theCity Hall, San Francisco County.

5809 S.F. DEPARTMENT OF PUBLIC WORKS

In San Francisco County. To provide employment for needy persons to transcribe, clean, repair, catalogue, cross index, and file records in the public office of the Department of Public Works. Project employs mostly women.

5822 RECREATION

To provide employment for needy professional personsfor the supervision and coordination of recreation activities throughout San Francisco County, including recreational and leisure time leadership, games, sports, and social activities and the training of recreational leaders.

5863 TRAFFIC SURVEY

City-wide. To provide employment for needy clerical and technical persons to conduct a city-wide traffic survey throughout the City of San Francisco.

5865 BUREAU OF COMMUNICABLE DISEASES

To provide employment for needy professional educational and clerical persons in conducting investigations in the origin of diseases in order to safeguard public health and to assist the Bureau of Communicable Diseases and compilation of data on sources, causes and characteristics of such diseases in San Francisco.

5885 LETTERMAN GENERAL HOSPITAL

To provide employment for needy clerical persons, in the clinical laboratory of Letterman General Hospital, San Francisco County, who will do general stenographic work in listing, copying and indexing various hospital records and reports. This project employs all women.

5937 STATE RECREATION

District-wide. To provide employment for needy educational, professional and clerical persons for the supervision and coordination of recreational activities, including recreational and leisure time leaders, for games sports, social activities, and the training for recreational leadership. Project will operate in all counties throughout the State of California, exclusive of Los Angeles County. Headquarters will be at San Francisco.

5988 HANDICAPPED CHILDREN SURVEY

District-wide. To provide employment for needy clerical and technical persons to transcribe on standardized forms data from existing records available from various sources in each county relating to physically handicapped children, in order to provide a complete record for further follow-up by State Department of Education. This will not involve house-to-house canvassing.

6149 HOUSEKEEPING AID

To provide employment for needy persons in furnishing free home assistance in housework and care of children in homes of the needy where the housewife herself is totally or partially incapacitated because of ill health or confinement; also provide instruction and supervision to the needy in problems related to home management, instruction in diet to persons as recommended by physicians of the Central Medical Bureau, and in general food preparation in connection with budgetary requirements. This project employs mostly women.

6167 DE YOUNG MUSEUM FRAMING

To provide employment for needy professional, educational and clerical persons to mount, mat, prepare, mend, and arrange museum pieces at the deYoung Museum in San Francisco.

6168 CITY PROPERTY PLANS

To provide employment for needy professional, educational and clerical persons to sort, classify, index, and file architectural plans and specifications developed for City properties from 1880 to date at the City Hall, San Francisco.

6421 MUSIC SALVAGE

To provide employment for needy professional, educational, and clerical persons to salvage, make copies, arrange and catalog various musical compositions at the deYoung Museum, San Francisco.

6433 CALIFORNIA ACADEMY OF SCIENCE LIBRARY

To bind and catalog scientific publications in the public library of the California Academy of Sciences, San Francisco; this project employs mostly women.

6465 ALIEN CARD FILE

Compilation of card record and index of aliens admitted at the Port of San Francisco, Angel Island Station, San Francisco County. Work contemplates the transcription of information from alien manifests to self-indexing record cards.

6466 GOLD MINING STUDY

To study the labor and productivity of individuals engaged in small-scale gold mining in California, Nevada and Oregon. Work to be prosecuted in San Francisco. Project employs all women.

6543 STATE MINES LANTERN SLIDES

Provide employment for needy technical persons to copy aerial and other photographs, to develop and print films, and to make lantern slides illustrating geologic phenomena for the California State Division of Mines. This project will operate at the California Academy of Science in the City of San Francisco.

6555 STATE SEWING

Maintenance and operation of sewing rooms in the City of San Francisco. Work to include the making of cloth toys, rag rugs, and other household articles from scrap materials. Products will be used on other W.P.A. projects or will be distributed free of charge to charitable institutions, or to the needy. This project employs mostly women.

6576 U.C. HOSPITAL

To provide employment for needy registered nurses, orderlies, typists, clerks, and supplementary personnel in the operation of a medical clinic at University of California Hospital Medical Center in San Francisco, to provide free medical service to needy patients. Medical supplies will be furnished by the Sponsor. The persons employed will supplement the regular staff; this project employs mostly women.

6632 SHOE REPAIR

Collecting, repairing, and renovating contributed shoes for free distribution to the needy. This project will operate in the City of San Francisco.

6671 CHILD WELFARE

To provide employment for needy registered nurses for clinical assistance to public health doctors and for nursing supervision at various day nurseries; and to provide employment for needy clerical persons for work in connection with the nursing activities. This work is in addition to work normally carried on by the sponsor and mostly women will be employed.

6695 LAND USE SURVEY

To provide employment for needy professional, technical and clerical persons in the preparation of maps and data on present uses of land in the City and County of San Francisco, with compilation and quantitative analysis of statistical material.

6697 FISH AND GAME LIBRARY

To provide employment for needy clerical, professional, and educational persons to reorganize, catalog, file, and bind old material for the library of the Division of Fish and Game.

6698 COUNTY CLERK'S RECORDS

To provide employment for needy professional, educational, and clerical persons to renovate and modernize old records for the County Clerk's Office. Work will consist of examining, refiling, cleaning, repairing, renumbering, transferring, etc.

6753 DIVISION OF MINES RECORDS

To renovate and reorganize the files and other records of the California State Division of Mines, into a unified and modernized system. The work includes repairing, transcribing, cataloging, cross-indexing, bookbinding, and map-making. The material will be used to compile a geological map which will be made available to the general public. Project employs mostly women.

6784 PRESIDIO BUILDING RECORDS

To provide employment for needy clerical, professional, and educational persons who will assist in modernizing the initial and maintenance cost records of various San Francisco Presidio Buildings.

6859 SELF-HELP COOPERATIVE DATA

To provide employment for needy professional, educational and clerical persons who will assist in bringing up to date and putting into usable form, complete data on various diversified cooperative projects. This data, in comprehensible form, will be available and of valuable assistance to various governmental agencies interested in future cooperative and production planning.

6860 INDUSTRIAL ACCIDENT TABULATION

To tabulate collected data concerning industrial accidents occuring in California for the years 1934, 1935, and 1936. The data will be analyzed by types and by causes, under industrial divisions. The results will be used to plan more equitable compensation and, by throwing light on causes, lead to a reduction of accidents. This project employs mostly women.

6875 ACADEMY OF SCIENCE RENOVATION

Renovating and expanding the facilities of the Academy of Sciences Museum, an institutional unit of the San Francisco Park System, in order to increase its usefulness to the general public. The work performed will include constructing cases, repairing equipment, labeling and cataloging accumulated specimen acquisitions, copying field reports for public reference, and taxidermy renovating.

7028 SUBWAY TEST BORINGS

To determine the sub-surface strata and geological formation along the route of the proposed Market Street subway to furnish the factual basis to enable the development of the proper design of subway sections by the Public Utilities Commission.

7054 NATIONAL FOREST MODELS

To prepare model relief maps of forest areas in California. These maps are used by the Forest Service for fire control and prevention, administrative use, location of roads, trails, lookouts, telephone location studies, etc., and by engineers, irrigation officials, and the public for the study of topography.

7056 BUREAU OF CUSTOMS RECORDS

To sort, renovate records, and modernize the filing system for the Bureau of Customs. Material covers the years 1850-1934 and comprises a great mass of accumulated, unsegregated, and partially obsolete records of the Bureau.

7064 EXPERIMENTAL FISHING

To conduct a research investigation to determine the distribution from month to month by species and size of bottom fish in the north coastal waters of California, and test fishing nets to determine the most effective sizes for commercial use from the point of view of fish conservation. This project will operate in San Francisco, and at sea along the California Coast from Monterey Bay to the Oregon State line, with supervisory headquarters located at San Francisco.

7082 JUNIOR AND SENIOR HIGH DENTAL SURVEY

To examine and record the condition of the mouths and teeth of the Junior and Senior Public High School students in order to ascertain the ratio on dental abnormalities; to tabulate and summarize this information; to acquaint parents with the dental conditions of their children; and to make recommendations to the San Francisco District Dental Society, the California State Dental Association, the San Francisco Board of Health, and the San Francisco Board of Education. The results of this work will be printed and a report issued under the authority of the San Francisco Department of Public Health. No Federal funds are to be used in publishing these results.

7096 VOCATIONAL REHABILITATION

To develop a complete index system for the State of California, Department of Education, Bureau of Vocational Rehabilitation.

7127 EDUCATION

District-wide - District No. 7. To provide, coordinate, and supervise educational activities for underprivileged adults and others in the field of general adult, literacy, vocational, parent and worker's education. Project does not cover work normally included in the regular educational program of any governmental agency. Headquarters at Los Angeles.

7129 NURSERY SCHOOLS

District-wide - District No. 7. Maintenance and operation of free nursery schools for the needy throughout the State of California. Not a part of present educational budget.

7153 BUREAU OF EPIDEMIOLOGY

To tabulate tuberculosis mortality data, 1933-1934; plague data, 1900-1934; venereal disease data, 1920-1934; and clinic data, 1920-1934; and to transcribe data on paralytic cases of infantile poliomyelitis, 1933-1934. Work is designed to determine acuteness of these conditions so that recommendations can be made by State health authorities looking to the expansion of research and control facilities. Project will operate in the City of San Francisco.

7346 CALIFORNIA ART RESEARCH

To compile history of development of art collections in San Francisco, preparing a report on the economic factors relating to the development of art in this metropolitan region, and compiling a series of biographical sketches relating to artists of California. Project will operate in San Francisco.

7377 COST OF LIVING INDEX

Tabulating, computing, and analyzing data on disbursements of wage earner and clerical families in California cities by type of expenditure, seasonal variation, inter-city difference in regard to consumption of items, sex, etc., of the chief wage earner, for the U.S. Department of Labor, Bureau of Labor Statistics, and for use of the general public. The project will operate in the city of San Francisco.

7419 GOLD MINING STUDY

A study of the labor and productivity of individuals engaged in small-scale gold mining in California, Nevada, and Oregon, for the U.S. Department of the Interior, Bureau of Mines. This project will operate in the city of San Francisco; the resulting data will be made available to the general public. This project employs mostly women.

7481 NATIONAL ARCHIVES

District-wide - District No. 7. To conduct a survey of agencies of the Federal Government in the State of California, including the preparation of a detailed analysis of the manuscript records contained therein, by editing, typing, and abstracting collected reports and locating, classifying, rechecking, and conducting a research on records. The completed inventory will be available to interested government agencies and libraries in the State. Project will operate in all counties throughout the State of California, exclusive of Los Angeles County, with supervisory headquarters at San Francisco.

7506 CUSTOM RECORDS

To sort, renovate records, and modernize the filing system for the Bureau of Customs. Material covers the years 1850-1934 and comprises a great mass of accumulated, unsegregated, and partially obsolete records of the Bureau.

7559 U.C. HOSPITAL PATIENT RECORD

To assemble, transcribe, and collate existing data in a modern central file for the University of California Hospital. Project includes the development of a numerical identification listing of old "Out Patient Department" cases, covering the years 1912-1932 with cross-index to new "unit-case" numbers; to consolidate and summarize patient case diagnoses under new "unit-case" system; and to modernize old name card file to coordinate with new "unit-case" system. Project employs mostly women.

7560 FISH AND GAME LIBRARY

To reorganize, catalog, file, and bind old material for the library of the Division of Fish and Game. This project will operate in the City of San Francisco.

7561 HISTORIC BUILDING SURVEY

To prepare exact measured drawings and photographic records of important examples of historic American architecture in Northern California. Copies of documents will be deposited in the Library of Congress, Washington, D.C.

7649 STATE PLANNING BOARD

To assemble existing data and to prepare general plans and reports on parks, parkways, and recreational areas in California. Data relating to existing and potential facilities and means will be classified, indexed, mapped, and organized for general reference purposes, and reports will be prepared on the recreational problems in the State.

7754 MT. DIABLO MUSEUM

To develop an exhibit of graphic educational material for the Mt. Diablo State Park Museum and to develop other educational and guidance material, such as guide books, maps, and signs, for use in promoting the recreational and conservational values of California State Parks. Work will be based upon previously gathered data.

7755 HISTORIC MARINE SURVEY

To conduct a survey of historic merchant marine ves-

sels on San Francisco Bay including the preparation of drawings of these vessels and the construction of models for the deYoung Memorial Museum.

8030 RECREATION

State-wide. Supervision and coordination of recreational activities, including recreational and leisure time leaders, for games, sports, social activities, and the training for recreational leadership. Project will operate throughout State of California, exclusive of District #11, with headquarters, for purposes of supervision, at San Francisco.

8043 CHILD WELFARE

To furnish clinical assistance to public health doctors and supervise nursing at various day nurseries; to furnish clerical assistance at the Central Office; to furnish dental assistance at Child Hygiene Dental Clinics; assist dentists, sterilize instruments, and record treatments. Project employs mostly women.

8191 EDUCATION

Providing, coordinating, and supervising educational activities for under-privileged adults and others in the fields of general adult, literacy, vocational, parent and workers' education. Project does not cover work normally included in regular educational program of any governmental agency. Project will operate throughout State of California, with headquarters, for purposes of supervision, at Los Angeles.

8213 POLICE RECORDS

Reorganizing the San Francisco Police Department crime record and filing system, covering stations and headquarters, in order to conform with the Federal uniform system; reorganizing the police library, and developing curricula and material for instruction in the proposed police school. The present system in both police stations and the executive office of the Police Department is obsolete. Project employs mostly women.

8238 SELF-HELP COOPERATIVES DATA

To prepare for publication, chiefly for use in rural areas, data on diversified cooperative projects. Data will be available to, and of valuable assistance to, the United States Department of Agriculture, the Farm Security Administration, the Rural Rehabilitation group, the Division of Self-Help Cooperative Service, and to any division of governmental service which might be set up to plan for any type of cooperative or production planning.

8251 STATE DIVISION OF MINES

Renovating and reorganizing files and other records dating prior to January 1, 1936, for the California State Division of Mines. Work involves repairing, transcribing, cataloging, cross-indexing, bookbinding and map making. Material will be used to compile a geological map which will be available to the general public.

8252 MAPPING OF UNDERGROUND STRUCTURES

Surveying and mapping underground structures by assembling field data concerning sewers, pipes, conduits, service lines, manholes, and other underground structures; preparing complete maps showing horizontal and vertical positions with reference to city datum, with size, shape, use, materials and other physical characteristics. Work proposed is a new undertaking, complete in itself, not of a continuing nature.

8253 MISSION-GEARY TEST BORINGS

To determine the sub-surface strata and geological formation along the Montgomery-Geary and Mission Street routes of proposed San Francisco subway. Data will furnish the factual basis upon which plans and specifications for the construction of subway sections may be drafted by the San Francisco Public Utilities Commission.

8255 COUNTY CLERK'S RECORDS

To renovate and modernize old records for the County Clerk's Office. Work will consist of examining, refiling, cleaning, repairing, renumbering, transferring, etc. No work will be done on records which are dated or have to do with matters subsequent to January 1,1936.

8257 SURVEY OF PRESIDIO

Surveying and compiling a new map of the Presidio of San Francisco showing the location of buildings, roads, viaducts, utilities and contours. This project will operate in the city of San Francisco.

8294 CODIFICATION OF CITY ORDINANCES

Codifying San Francisco ordinances into a "Municipal Code" divided into divisions, chapters, articles, and sections, with indices, annotations and tables of cross-references, court decisions, opinions of city attorneys, and legislative history; preparing an "Administrative Code" with index; indexing ordinances not subject to code classification; and preparing a legislative history of amendments and repeals. Legal advice will be furnished by the City Attorney. Sponsor will publish final report.

8301 CHILDREN'S AGENCY

To assist the Juvenile Court in giving more complete social services to wards of the Court who have been committed to the Children's Agency of San Francisco. Project employs mostly women.

8340 PUBLIC UTILITIES RECORDS

To renovate, reorganize, and prepare an index and central inventory of records such as legal documents, account books, audits, maps, etc., for the various departments of the San Francisco Public Utilities Commission. Completed work will be maintained by the regular staff; proposed work is a new undertaking.

8386 THEATRE RESEARCH

To provide employment for needy persons in research work concerned with the theatre and its people in San Francisco, covering the period dating from 1849. Work also includes the preparation of a monograph series on actors, directors, impresarios, operatic stars, and significant phases and organizations of the theatre and period aforementioned. Data will be collected by research in the files of newspapers, magazines, and in the memoirs, letters, diaries, and scrapbooks containing material not generally accessible. Resulting series of monographs will be distributed by the sponsor to public agencies, including public and university libraries.

8387 ACADEMY OF SCIENCES LIBRARY

Binding and cataloging scientific publications, published prior to January 1, 1935, for the public Library of the California Academy of Sciences. Project employs mostly women.

8388 SHOE REPAIR

Repairing and renovating contributed shoes for distribution, free, to the needy.

8434 LETTERMAN HOSPITAL RECORDS

To renovate and reorganize records of Letterman General Hospital, consisting of: cleaning, mending, copying, rearranging, reindexing and, in general, completely modernizing the records of this institution. An integral part of this work will consist of reorganizing and bringing completely up-to-date the indices of the library collections of the Hospital and, incidental thereto, the mending and binding of books and periodicals

8463 SEWING

Maintenance and operation of sewing rooms. Work also

includes the making of cloth toys, rag rugs, and other household articles, except mattresses, using scrap materials. Products will be distributed free of charge to charitable institutions, or to the needy, and a portion may be used on other W.P.A. projects. No Federal funds will be expended for the cost of distribution of finished products. Project will employ mostly women.

FINANCIAL STATISTICS

SUMMARY OF FINANCIAL DATA

The following pages show:

1- Works project number
2- Name of official sponsor
3- Official project number
4- Total Federal funds expended
5- Federal funds expended for labor only
6- Federal funds expended for other than labor
7- Percentage of Federal funds expended for labor in relation to total Federal funds expended.
8- Total Sponsor's funds expended
9- Sponsor's funds expended for labor only
10- Sponsor's funds expended for other than labor

These figures will enable anyone to take off any equation desired for statistical purposes.

A brief titular description may be had by referring to the works project number prefixed in brief description on preceding pages.

It may be determined that there have been operated in San Francisco, Area No. 7, a total of 282 projects, of which 138 are construction and 144, women's and professional projects.

It should be understood, however, that in a number of instances more than one work project has been operated for the same purpose. This occurs in cases of continuation or superseding projects being approved for the further operation of the same work.

The grand totals from the charts show expenditures from November 1, 1935 to December 31, 1937, as follows:

	CONSTRUCTION	WOMEN'S & PROFESSION	TOTAL
TOTAL FEDERAL FUNDS	$19,346,019	$9,584,110	$28,930,129
Labor Expend.	15,663,669	9,080,540	24,744,209
(labor percent)	(80.97%)	(95%)	(85.53%)
Other Expend.	3,682,350	503,570	4,185,920
TOTAL SPONSOR FUNDS	$ 2,610,274	$ 343,302	$ 2,953,576
Labor Expend.	506,419	105,349	611,768
Other Expend.	2,103,855	237,953	2,341,808
GRAND TOTAL EXPENDITURES	$21,956,293	$9,927,412	$31,883,705

The number of man months employed during this period was 380,246 - construction 233,786 - and women's and professional 146,460, over a period of twenty-six months, thus showing that an average of 14,625 persons were employed over this period. This figure is exclusive of workers employed on the Shoals projects, data for which is unavailable.

This labor load has fluctuated, and by referring to comparative labor load chart the increases and decreases, month by month may be seen.

Of the total funds expended, Federal expenditures represent 90.73% of the total and Sponsor's expenditures, 9.27% for the entire period. However, regulations have been changed and the Sponsor now contributes a greater percentage. The Federal cost per man month averages $76.06 and the Sponsor's, $7.77.

W.P. NO.	SPONSOR	OFFICIAL PROJECT NUMBER	FEDERAL FUNDS EXPENDED TOTAL	FEDERAL FUNDS EXPENDED LABOR	FEDERAL FUNDS EXPENDED OTHER	% OF TOTAL FED. FOR LABOR	SPONSOR EXPENDED TOTAL	SPONSOR EXPENDED LABOR	SPONSOR EXPENDED OTHER
46	UNIV. CALIF.	65-3-17	$ 2,796	$ 2,796	$ -	100	$ 823	$ 600	$ 223
47	CITY-CO. S.F.	65-3-18	4,191	4,191	-	100	1,791	1,027	764
48	CITY-CO. S.F.	65-3-20	11,429	11,429	-	100	632	488	144
53	CITY-CO. S.F.	65-3-28	6,046	6,046	-	100	1,566	518	1,048
71	CITY-CO. S.F.	65-3-64	2,692	2,692	-	100	586	508	78
358	CITY-CO. S.F.	65-3-212	7,130	7,130	-	100	1,225	949	276
359	STATE CALIF.	65-3-213	7,750	7,750	-	100	3,730	2,500	1,230
366	CITY-CO. S.F.	65-3-1365	24,000	24,000	-	100	1,603	---	1,603
370	CITY-CO. S.F.	65-3-1373	15,973	15,973	-	100	1,486	306	1,180
371	STATE CALIF.	65-3-1374	47,472	47,472	-	100	3,112	112	3,000
378	CITY-CO. S.F.	65-3-1382	8,298	8,298	-	100	2,999	2,535	464
405	CITY-CO. S.F.	65-3-921	9,405	9,405	-	100	6,748	---	6,748
457	CITY-CO. S.F.	65-3-379	1,939	1,939	-	100	1,023	1,000	23
458	CITY-CO. S.F.	65-3-380	3,921	3,921	-	100	1,475	1,340	135
476	UNIV. CALIF.	65-3-470	9,538	9,538	-	100	1,516	975	541
477	STATE CALIF.	65-3-471	10,514	10,514	-	100	2,163	1,300	863
525	CITY-CO. S.F.	65-3-965	553,607	476,928	76,679	86	35,155	---	35,155
528	CITY-CO. S.F.	65-3-962	30,090	30,090	-	100	927	431	496
529	CITY-CO. S.F.	65-3-963	33,878	33,878	-	100	4,311	---	4,311
530	CITY-CO. S.F.	65-3-964	143,197	143,197	-	100	1,663	---	1,663
605	CITY-CO. S.F.	65-3-1362	3,992	3,992	-	100	1,077	440	637
772	CITY-CO. S.F.	65-3-1713	1,684	1,684	-	100	1,088	760	328
773	CITY-CO. S.F.	65-3-1720	1,062	1,062	-	100	338	200	138
781	CITY-CO. S.F.	65-3-959	527,837	527,643	194	100	10,689	---	10,689
861	STATE CALIF.	65-3-1070	15,254	15,254	-	100	3,807	1,500	2,307
951	STATE CALIF.	65-3-1051	1,101	1,101	-	100	512	300	212
954	STATE CALIF.	65-3-1071	81	81	-	100	---	---	---
1055	STATE CALIF.	65-3-78	4,827	4,283	544	89	---	---	---
1224	CITY-CO. S.F.	65-3-1463	22,354	22,354	-	100	---	---	---
1356	US LTHSE SERV.	65-3-21	1,714	1,714	-	100	20	---	20
1365	CITY-CO. S.F.	65-3-2101	22,215	22,215	-	100	1,736	---	1,736
1366	UNIV. CALIF.	65-3-2102	101,575	101,575	-	100	2,109	817	1,292
1367	STATE CALIF.	65-3-2106	1,116	1,116	-	100	71	---	71
1475	STATE CALIF.	65-3-2201	19,586	19,586	-	100	3,254	1,283	1,971
1497	CITY-CO. S.F.	65-3-1358	4,411	4,411	-	100	2,211	2,050	161
1498	CITY-CO. S.F.	65-3-1361	14,671	14,453	218	98	4,120	3,400	720
1525	U.S. ARMY	65-3-381	1,685	1,685	-	100	550	425	125
1646	CITY-CO. S.F.	65-3-1360	14,283	14,283	-	100	2,650	1,950	700
1897	CITY-CO. S.F.	65-3-2091	33,470	33,470	-	100	3,002	1,463	1,539
1928	STATE CALIF.	65-3-1721	8,531	8,531	-	100	1,144	---	1,144
1934	CITY-CO. S.F.	65-3-2722	684	684	-	100	213	213	---
2034	S. R. A.	65-3-2840	158,807	128,569	30,238	81	---	---	---
2038	STATE CALIF.	65-3-3055	449,253	428,250	21,003	95	29,896	12,762	17,134
2609	STATE CALIF.	65-3-3604	17,202	17,202	-	100	1,066	---	1,066
2683	STATE CALIF.	65-3-3658	72,590	70,546	2,044	97	---	---	---
2779	CITY-CO. S.F.	65-3-3654	38,869	38,210	659	98	8,303	2,670	5,633
2863	STATE CALIF.	65-3-2222	9,688	9,688	-	100	2,688	1,490	1,198
2865	CITY-CO. S.F.	65-3-2982	2,536	2,536	-	100	---	---	---
2871	CITY-CO. S.F.	65-3-3553	3,898	3,528	370	91	---	---	---
2873	STATE CALIF.	65-3-3631	43,547	43,463	84	100	13,009	4,300	8,709
2874	CITY-CO. S.F.	65-3-3632	46,436	44,145	2,291	95	---	---	---
2877	CITY-CO. S.F.	65-3-3651	247,903	247,903	-	100	18,350	6,855	11,495
2880	STATE CALIF.	65-3-3731	590	590	-	100	320	198	122
2888	STATE CALIF.	65-3-3801	1,385	1,385	-	100	275	240	35
2892	STATE CALIF.	65-3-3492	543	543	-	100	223	135	88
2896	STATE CALIF.	65-3-3779	1,118	1,118	-	100	2,600	2,600	---
3298	CITY-CO. S.F.	65-3-2066	2,684,434	2,430,837	253,597	91	47,960	---	47,960
3329	STATE CALIF.	65-3-4151	2,053	2,053	-	100	1,143	970	173
3330	CITY-CO. S.F.	65-3-4229	4,693	4,582	111	98	1,494	1,050	444
3571	CITY-CO. S.F.	65-3-4425	44,876	44,027	849	98	1,394	---	1,394
3724	CITY-CO. S.F.	65-3-4197	17,705	17,705	-	100	351	---	351
3802	U.S. ARMY	65-3-19	1,928	1,928	-	100	541	250	291
3864	STATE CALIF.	65-3-4968	40,513	38,654	1,859	95	11,747	5,000	6,747
3865	CITY-CO. S.F.	65-3-4996	1,415	1,415	-	100	284	200	84
3955	CITY-CO. S.F.	65-3-5013	3,164	3,164	-	100	496	30	466
4018	CITY-CO. S.F.	65-3-1426	755	755	-	100	1,052	775	277
4078	CITY-CO. S.F.	65-3-838	5,724	5,522	202	96	731	---	731
4215	CITY-CO. S.F.	65-3-774	173,047	173,047	-	100	1,376	600	776
4249	CITY-CO. S.F.	65-3-5270	32,303	30,615	1,688	95	2,572	300	2,272
4366	U.S. ARMY	65-3-5392	5,503	5,503	-	100	1,750	850	900
4381	CITY-CO. S.F.	65-3-5421	10,289	9,959	330	97	1,412	---	1,412
4453	CITY-CO. S.F.	65-3-5441	3,246	3,246	-	100	457	---	457
4462	CITY-CO. S.F.	65-3-5442	4,675	3,784	891	81	1,080	---	1,080
4463	S. R. A.	65-3-5443	9,613	9,613	-	100	3,417	---	3,417

W.P. NO.	SPONSOR	OFFICIAL PROJECT NUMBER	FEDERAL FUNDS EXPENDED TOTAL	FEDERAL FUNDS EXPENDED LABOR	FEDERAL FFUNDS EXPENDED OTHER	% OF TOTAL FED. FOR LABOR	SPONSOR EXPENDED TOTAL	SPONSOR EXPENDED LABOR	SPONSOR EXPENDED OTHER
4577	S. R. A.	65-3-4493	$ 6,415	$ 6,415	$ -	100	$ 802	$ 525	$ 277
4667	S. R. A.	65-3-655	10,846	10,846	-	100	180	---	180
4729	S. R. A.	65-3-705	28,970	25,683	3,287	89	1,343	---	1,343
4819	S. R. A.	165-03-8001	86,963	85,455	1,508	98	2,934	1,196	1,738
4867	S. R. A.	65-3-738	16,074	16,074	-	100	---	---	---
5285	S. R. A.	165-03-7025	8,842	8,842	-	100	1,974	1,050	924
5344	U.S. ARMY	265-03-7000	3,709	3,709	-	100	772	538	234
5418	CITY-CO. S.F.	165-03-6029	11,430	11,430	-	100	1,399	---	1,399
5457	CITY-CO. S.F.	165-03-6036	7,261	7,261	-	100	3,295	2,700	595
5576	CITY-CO. S.F.	165-03-6049	14,709	14,709	-	100	2,400	1,900	500
5591	CITY-CO. S.F.	165-03-7085	1,674	1,674	-	100	486	350	136
5650	CITY-CO. S.F.	165-03-7091	5,754	5,754	-	100	1,489	620	869
5652	CITY-CO. S.F.	165-03-7124	3,431	3,431	-	100	3,141	3,000	141
5653	CITY-CO. S.F.	165-03-7128	36,963	36,963	-	100	5,876	2,520	3,356
5670	UNIV. CALIF.	165-03-7113	8,171	8,171	-	100	1,253	625	628
5671	CITY-CO. S.F.	165-03-7181	3,751	3,751	-	100	1,431	1,300	131
5809	CITY-CO. S.F.	165-03-7203	45,822	45,822	-	100	2,624	1,793	831
5822	CITY-CO. S.F.	165-03-6097	90,456	90,456	-	100	---	---	---
5863	CITY-CO. S.F.	165-03-6108	92,558	89,747	2,811	97	---	---	---
5885	U.S. ARMY	265-3-7003	1,551	1,551	-	100	619	516	103
5937	CITY-CO. S.F.	165-03-6170	600,942	595,801	5,141	99	4,912	---	4,912
5988	STATE CALIF.	165-03-6123	2,904	2,839	65	98	281	200	81
6149	CITY-CO. S.F.	165-03-7261	191,671	191,097	574	100	3,129	---	3,129
6168	CITY-CO. S.F.	165-03-6189	5,653	5,653	-	100	1,395	1,050	345
6421	CITY-CO. S.F.	165-03-6186	16,335	16,315	20	100	895	---	895
6433	STATE CALIF.	165-03-7321	9,257	9,257	-	100	1.401	900	501
6465	U.S. GOVT.	265-03-700	18,809	17,962	847	95	614	---	614
6466	U.S. GOVT.	265-03-7009	3,847	3,847	-	100	350	138	212
6555	CITY-CO. S.F.	165-03-7336	1,894,643	1,809,207	85,436	95	27,901	---	27,901
6576	UNIV. CALIF.	165-03-7329	17,257	17,257	-	100	619	463	156
6632	CITY-CO. S.F.	165-03-8076	15,364	15,364	-	100	2,196	---	2,196
6671	CITY-CO. S.F.	165-03-7375	11,619	11,619	-	100	873	---	873
6695	CITY-CO. S.F.	165-03-6253	9,125	9,022	103	99	739	200	539
6697	STATE CALIF.	165-03-6259	517	517	-	100	142	125	17
6698	CITY-CO. S.F.	165-03-6267	18,456	18,456	-	100	1,158	937	221
6753	STATE CALIF.	165-03-7356	22,518	22,518	-	100	3,796	1,630	2,166
6784	U.S. ARMY	265-03-6006	2,072	2,072	-	100	600	300	300
6859	S. R. A.	165-03-6287	10,051	10,051	-	100	3,477	---	3,477
6860	STATE CALIF.	165-03-7405	7,333	7,333	-	100	1,575	1,550	25
6875	STATE CALIF.	165-03-8107	5,007	5,007	-	100	2,035	1,200	835
7028	CITY-CO. S.F.	165-03-6300	10,527	10,527	-	100	2,153	1,280	873
7054	STATE CALIF.	165-03-6320	22,502	21,138	1,364	94	5,494	3,564	1,930
7056	U.S. GOVT.	265-03-6008	5,246	5,246	-	100	578	450	128
7064	STATE CALIF.	165-03-6308	507	507	-	100	467	467	---
7082	CITY-CO. S.F.	165-03-6319	3,823	3,823	-	100	53	---	53
7096	STATE CALIF.	165-03-6313	6,302	6,252	50	99	1,571	740	831
7127	STATE CALIF.	165-03-6043	124,313	119,477	4,836	96	9,276	3,133	6,143
7129	STATE CALIF.	165-03-7508	18,956	16,717	2,239	88	4,012	933	3,079
7153	CITY-CO. S.F.	165-03-6331	4,164	4,164	-	100	---	---	---
7346	CITY-CO. S.F.	165-03-6343	7,747	7,365	382	95	---	---	---
7377	U.S. GOVT.	265-03-6010	12,875	12,875	-	100	---	---	---
7419	U.S. GOVT.	365-03-3-1	4,178	4,178	-	100	283	88	195
7481	U.S. GOVT.	365-03-3-2	10,605	10,605	-	100	---	---	---
7506	U.S. GOVT.	365-03-3-3	9,719	9,719	-	100	1,042	525	517
7559	UNIV. CALIF.	465-03-3-54	2,394	2,394	-	100	140	121	19
7560	STATE CALIF.	465-03-3-58	517	517	-	100	75	63	12
7561	STATE CALIF.	465-03-3-59	5,914	5,911	3	100	500	500	---
7754	STATE CALIF.	465-03-3-86	4,926	4,926	-	100	---	---	---
7755	CITY-CO. S.F.	465-03-3-89	3,477	3,469	8	100	5	---	5
8030	CITY-CO. S.F.	465-03-3-140	48,382	48,382	-	100	---	---	---
8043	CITY-CO. S.F.	465-03-3-135	3,667	3,667	-	100	284	70	214
8191	STATE CALIF.	465-03-3-112	34,343	33,298	1,045	97	1,085	597	488
8213	CITY-CO. S.F.	465-03-3-211	582	582	-	100	---	---	---
8238	S. R. A.	465-03-3-225	1,297	1,297	-	100	---	---	---
8251	STATE CALIF.	465-03-3-191	3,431	3,431	-	100	144	100	44
8252	CITY-CO. S.F.	465-03-3-226	3,016	3,016	-	100	---	---	---
8253	CITY-CO. S.F.	465-03-3-235	1,170	1,170	-	100	29	---	29
8255	CITY-CO. S.F.	465-03-3-250	3,069	3,069	-	100	---	---	---
8257	U.S. ARMY	365-03-3-316	492	492	-	100	---	---	---
8301	CITY-CO. S.F.	465-03-3-259	939	939	-	100	---	---	---
TOTAL W & P			$ 9,584,110	$ 9,080,540	$ 503,570	95%	$343,302	$105,349	$237,953

W.P. NO.	SPONSOR	OFFICIAL PROJECT NUMBER	FEDERAL FUNDS EXPENDED TOTAL	FEDERAL FUNDS EXPENDED LABOR	FEDERAL FUNDS EXPENDED OTHER	% OF TOTAL FED. FOR LABOR	SPONSOR EXPENDED TOTAL	SPONSOR EXPENDED LABOR	SPONSOR EXPENDED OTHER
15	STATE CALIF.	65-3-43	$ 10,188	$ 10,188	$ ---	100	8,022	$ 818	$ 7,204
41	STATE CALIF.	65-3-10	7,212	7,212	---	100	$ 2,567	960	1,607
526	CITY-CO. S.F.	65-3-960	38,636	38,635	1	100	6,677	---	6,677
782	CITY-CO. S.F.	65-3-1588	701,755	655,584	46,171	93	2,898	---	2,898
783	CITY-CO. S.F.	65-3-1590	164,510	148,383	16,127	90	14,448	408	14,040
784	CITY-CO. S.F.	65-3-1591	44,177	36,503	7,674	83	8,948	686	8,262
1030	CITY-CO. S.F.	65-3-1571	86,010	82,514	3,496	96	6,922	880	6,042
1031	CITY-CO. S.F.	65-3-1577	33,089	33,071	18	100	1,744	---	1,744
1151	CITY-CO. S.F.	65-3-1578	182,078	156,816	25,262	86	9,801	250	9,551
1152	CITY-CO. S.F.	65-3-1582	92,307	82,758	9,549	90	4,022	---	4,022
1153	CITY-CO. S.F.	65-3-1584	568,804	483,712	85,092	85	82,827	---	82,827
1154	CITY-CO. S.F.	65-3-1589	207,623	170,677	36,946	82	46,873	---	46,873
1195	CITY-CO. S.F.	65-3-1567	153,370	132,117	21,253	86	9,593	---	9,593
1196	CITY-CO. S.F.	65-3-1569	178,657	149,408	29,249	84	7,960	---	7,960
1197	CITY-CO. S.F.	65-3-1572	141,722	104,040	37,682	73	5,967	---	5,367
1198	CITY-CO. S.F.	65-3-1574	172,522	166,757	5,765	97	16,927	547	16,380
1199	CITY-CO. S.F.	65-3-1575	83,655	61,981	21,674	74	5,868	---	5,868
1200	CITY-CO. S.F.	65-3-1580	80,319	68,600	11,719	85	5,245	300	4,945
1201	CITY-CO. S.F.	65-3-1585	30,719	22,808	7,911	74	2,164	---	2,164
1202	CITY-CO. S.F.	65-3-1592	204,617	191,491	13,126	94	17,534	---	17,534
1291	STATE CALIF.	65-3-1954	29,592	29,592	---	100	38,430	4,278	34,152
1315	CITY-CO. S.F.	65-3-1789	188,229	167,219	21,010	89	218,333	108,447	109,886
1499	CITY-CO. S.F.	65-3-1579	27,414	20,531	6,883	75	1,824	---	1,824
1616	CITY-CO. S.F.	65-3-1787	397,399	361,040	36,359	91	119,518	14,018	105,500
1643	U.S. ARMY	65-3-160	5,256	5,223	33	99	2,576	1,650	926
1649	CITY-CO. S.F.	65-3-1794	20,704	20,384	320	98	---	---	---
1688	CITY-CO. S.F.	65-3-2014	15,361	12,818	2,543	84	130	---	130
1689	CITY-CO. S.F.	65-3-2014	39,713	32,703	7,010	82	1,315	319	996
1690	CITY-CO. S.F.	65-3-2014	20,609	15,952	4,657	78	10,708	---	10,708
1693	CITY-CO. S.F.	65-3-2014	317,215	311,231	5,984	98	1,407	11	1,396
1699	CITY-CO. S.F.	65-3-1570	49,857	35,365	14,492	71	2,380	---	2,380
1700	CITY-CO. S.F.	65-3-1573	26,198	20,649	5,549	79	1,277	---	1,277
1701	CITY-CO. S.F.	65-3-1576	10,104	6,814	3,290	67	5	---	5
1702	CITY-CO. S.F.	65-3-1568	74,745	58,243	16,502	78	2,949	150	2,799
1703	CITY-CO. S.F.	65-3-1581	122,075	77,484	44,591	64	5,886	200	5,686
1704	CITY-CO. S.F.	65-3-1583	37,711	27,987	9,724	74	3,209	---	3,209
1705	CITY-CO. S.F.	65-3-1586	14,839	12,777	2,062	86	652	---	652
1849	CITY-CO. S.F.	65-3-2013	17,435	13,573	3,862	78	337	---	337
1850	CITY-CO. S.F.	65-3-2013	7,276	7,017	259	97	113	---	113
1851	CITY-CO. S.F.	65-3-2013	7,996	6,484	1,512	81	---	---	---
1852	CITY-CO. S.F.	65-3-2013	65,782	58,124	7,658	88	345	---	345
1891	CITY-CO. S.F.	65-3-1587	2,815,543	2,106,814	708,729	75	328,854	99,409	229,445
1922	CITY-CO. S.F.	65-3-2013	11,836	9,293	2,543	79	---	---	---
1923	CITY-CO. S.F.	65-3-2013	29,781	29,077	704	98	498	---	498
1924	CITY-CO. S.F.	65-3-2014	32,622	21,368	11,254	66	533	---	533
1925	CITY-CO. S.F.	65-3-2014	131,907	93,435	38,472	71	2,533	---	2,533
1926	CITY-CO. S.F.	65-3-2014	131,462	114,917	16,545	87	1,075	---	1,075
1929	CITY-CO. S.F.	65-3-2014	34,665	31,817	2,848	92	64	---	64
1932	CITY-CO. S.F.	65-3-2886	572,986	477,200	95,786	83	10,783	---	10,783
1933	CITY-CO. S.F.	65-3-2885	12,941	11,727	1,214	91	---	---	---
1972	DT.AG.ASSN.	65-3-2942	323,232	286,014	37,218	89	4,741	---	4,741
2106	CITY-CO. S.F	65-3-2014	43,664	27,246	16,418	62	2,327	---	2,327
2170	U.S. ARMY	65-3-2923	99,216	93,959	5,257	95	13,838	3,155	10,683
2171	US MARINE CPS	65-3-2924	6,887	5,671	1,216	82	---	---	---
2174	U.S. ARMY	65-3-297	8,072	7,457	615	92	4,793	645	4,148
2175	CITY-CO. S.F.	65-3-2014	1,065,245	722,886	342,359	68	59,081	14,900	44,181
2176	CITY-CO. S.F.	65-3-2014	549,520	378,307	171,213	69	28,626	10,259	18,367
2177	GG BR-HGWY DT.	65-3-2749	179,996	135,798	44,198	76	251,800	61,261	190,539
2370	CITY-CO. S.F.	65-3-2283	39,248	30,912	8,336	79	2,293	155	2,138
2459	CITY-CO. S.F.	65-3-2013	39,965	23,254	16,711	58	1,341	---	1,341
2524	CITY-CO. S.F.	65-3-2014	71,365	64,048	7,317	90	1,172	444	728
2752	STATE CALIF.	65-3-3533	11,906	11,906	---	100	5,159	968	4,191
3048	CITY-CO. S.F.	65-3-2014	1,570,372	1,239,482	330,890	79	54,705	37,560	17,145
3462	U.S. ARMY	65-3-4162	10,177	8,214	1,963	81	---	---	---
3478	CITY-CO. S.F.	65-3-2014	52,660	33,298	19,362	63	467	341	126
3479	CITY-CO. S.F.	65-3-2277	8,388	6,310	2,078	75	1,839	---	1,839
3481	CITY-CO. S.F.	65-3-2882	81,043	67,885	13,158	84	1,281	---	1,281
3514	U.S. ARMY	65-3-161	2,067	2,067	---	100	---	---	---
3515	US MARINE CPS	65-3-4423	19,163	15,117	4,046	79	---	---	---
3538	GG BR-HGWY DT.	65-3-3233	117,416	102,434	14,982	87	151,432	38,352	113,080
3539	CITY-CO. S.F.	65-3-2014	30,874	27,806	3,068	90	309	15	294
3547	CITY-CO. S.F.	65-3-2267	54,484	45,968	8,516	84	288	---	288
3548	CITY-CO. S.F.	65-3-2271	12,980	10,515	2,465	81	---	---	---
3549	CITY-CO. S.F.	65-3-2278	12,050	10,533	1,517	87	1,154	---	1,154
3550	CITY-CO. S.F.	65-3-2883	27,447	22,356	5,091	81	---	---	---

W.P. NO.	SPONSOR	OFFICIAL PROJECT NUMBER	FEDERAL FUNDS EXPENDED TOTAL	FEDERAL FUNDS EXPENDED LABOR	FEDERAL FUNDS EXPENDED OTHER	% OF TOTAL FED. FOR LABOR	SPONSOR EXPENDED TOTAL	SPONSOR EXPENDED LABOR	SPONSOR EXPENDED OTHER
3678	CITY-CO. S.F.	65-3-2013	$ 44,704	$ 37,854	$ 6,850	85	$ ---	$ ---	$ ---
3679	CITY-CO. S.F.	65-3-2013	40,472	27,127	13,345	67	15,164	194	14,970
3681	CITY-CO. S.F.	65-3-2884	94,126	75,959	18,167	81	5,153	---	5,153
3718	CITY-CO. S.F.	65-3-2014	21,442	14,672	6,770	68	4,078	677	3,401
3720	CITY-CO. S.F.	65-3-2275	51,322	40,588	10,734	79	63	---	63
3803	U.S. ARMY	65-3-4111	4,354	3,899	455	90	---	---	---
3804	U.S. ARMY	65-3-4112	16,639	15,995	644	96	4,914	---	4,914
3805	U.S. ARMY	65-3-4113	24,091	19,783	4,308	82	3,170	567	2,603
3806	U.S. ARMY	65-3-4109	209,080	169,542	39,538	81	13,602	1,231	12,371
3838	CITY-CO. S.F.	65-3-2266	364,998	305,894	59,104	84	2,814	---	2,814
3839	CITY-CO. S.F.	65-3-2281	157,289	135,522	21,767	86	292	292	---
3932	CITY-CO. S.F.	65-3-4966	105,670	87,200	18,470	83	451	449	2
4300	U.S. ARMY	65-3-4676	10,453	7,505	2,948	72	---	---	---
4415	CITY-CO. S.F.	65-3-729	439,611	358,788	80,823	82	15,753	5,133	10,620
4418	GG BR-HGWY DT.	65-3-886	90,281	84,795	5,486	94	16,831	2,500	14,331
4556	DT.AGRI.ASSN.	65-3-5482	238,875	147,258	91,617	62	21,103	1,620	19,483
4811	CITY-CO. S.F.	165-03-4002	52,715	41,835	10,880	79	23,009	1,619	21,390
5197	CITY-CO. S.F.	165-03-3007	95,120	95,120	---	100	50,208	---	50,208
5422	U.S. ARMY	265-03-2005	43,634	43,634	---	100	15,564	---	15,564
5480	CITY-CO. S.F.	65-3-731	508,340	502,225	6,115	88	13,992	667	13,325
5640	CITY-CO. S.F.	165-03-1047	353,817	322,506	31,311	91	224,235	28,184	196,051
5641	GG BR-HGWY DT.	165-03-1054	224,432	192,521	31,911	86	107,382	26,114	81,268
5821	CITY-CO. S.F.	165-03-8518	51,168	50,281	887	98	2,036	---	2,036
5839	CITY-CO. S.F.	65-3-642	139,396	132,226	7,170	95	22,278	7,559	14,719
6146	CITY-CO. S.F.	165-03-8048	34,770	34,523	247	99	2,736	---	2,736
6250	CITY-CO. S.F.	165-03-3077	17,578	17,534	44	100	11,569	---	11,569
6445	CITY-CO. S.F.	165-03-3078	23,995	23,198	797	97	3,578	---	3,578
6483	CITY-CO. S.F.	165-03-1105	33,927	31,394	2,533	93	40,403	777	39,626
1727	CITY-CO. S.F.	65-3-2015	1,828,559	1,214,799	613,760	66	174,984	---	174,984
6545	CITY-CO. S.F.	65-3-2015	7,138	7,138	---	100	---	---	---
6683	CITY-CO. S.F.	165-03-4063	355,546	335,038	20,508	94	109,232	10,337	98,895
6771	CITY-CO. S.F.	165-03-1134	48,509	48,454	55	100	3,769	861	2,908
6819	CITY-CO. S.F.	65-3-643	72,823	71,500	1,323	98	---	---	---
6861	CITY-CO. S.F.	165-03-8103	78,248	78,212	36	100	34,762	---	34,762
7350	GG BR-HGWY DT.	265-03-1020	72,274	68,978	3,296	95	15,900	1,881	14,019
7354	U.S. ARMY	265-03-2019	7,563	7,256	307	96	---	---	---
7356	U.S. ARMY	265-03-2023	11,775	11,178	597	95	---	---	---
7358	U.S. ARMY	265-03-5020	16,220	15,682	538	97	---	---	---
7360	GG BR-HGWY DT.	265-03-8011	33,037	32,385	652	98	5,556	1,739	3,817
7480	U.S. ARMY	565-03-2-1	4,183	4,013	170	96	---	---	---
7483	U.S. ARMY	265-03-8012	24,334	23,979	355	99	---	---	---
7508	CITY-CO. S.F.	465-03-2-23	246,969	215,928	31,041	87	26,726	12,502	14,224
7553	CITY-CO. S.F.	465-03-2-91	8,095	8,090	5	100	2,207	---	2,207
7651	DT.AGRI.ASSN.	465-03-2-107	18,275	16,583	1,692	91	---	---	---
7668	CITY-CO. S.F.	465-03-2-116	4,330	4,329	1	100	1,015	---	1,015
7695	U.S. ARMY	365-03-2-7	7,883	7,276	607	92	---	---	---
7698	U.S. ARMY	565-03-2-9	9,219	8,493	726	92	--	---	---
7780	U.S. ARMY	365-03-2-11	11,588	11,347	241	98	---	---	---
8204	U.S. ARMY	365-03-2-14	2,591	2,591	---	100	---	---	---
8205	U.S. ARMY	365-03-2-15	979	979	---	100	---	---	---
8220	DT.AGRI.ASSN.	165-03-3012	16,524	14,944	1,580	90	---	---	---
8248	CITY-CO. S.F.	465-03-2-212	5,215	5,212	3	100	---	---	---
8264	CITY-CO. S.F.	465-03-1-122	11,211	11,211	---	100	6,759	---	6,759
8314	CITY-CO. S.F.	65-3-2014	61,972	39,140	22,832	63	69	---	69
TOTAL CONSTRUCTION			$19,346,019	$15,663,669	$3,682,350	80.97	$2,610,274	$506,419	$2,103,855

NOTE: For the following projects, O.P. No. 65-3-1788, 1733, and 1790, non-relief costs and other costs include both Sponsor's contributions and W.P.A. funds. Constructed under supervision of Army engineers.

			RELIEF LABOR	NON-RELIEF LABOR	OTHER COSTS	TOTAL
1617	CITY-CO. S.F.	65-3-1788	$ 207	$ 33,744	$ 91,074	$ 125,025
1647	CITY-CO. S.F.	65-3-1733	180,205	673,801	2,946,609	3,800,615
1691	CITY-CO. S.F.	65-3-1790	15,853	21,536	210,837	248,226
TOTAL			$196,265	$729,081	$3,248,520	$4,173,866

COMPARATIVE LABOR, MATERIAL and ADMINISTRATIVE FEDERAL COSTS

A graph, shown on the opposite page, indicates the relation of labor funds, other than labor costs, and administrative expense.

Due to the manner in which appropriations were made prior to July 1936, we are unable to show the relations for that period.

It may readily be noted, however, that both the other costs and administrative expenses have been decreasing more rapidly than labor costs.

If this were shown by percentages, the result would show that in December 1936, the labor cost was 80.39%

the other than labor cost was	16.95%
the administrative cost was	2.66%
and that in December 1937, labor cost was	91.68%
the other than labor cost was	6.77%
the administrative cost was	1.55%

The December 1937 figure is proof that those in charge displayed not only exceptional interest and willingness, but also, a highly efficient discharge of their duties - for only through efficiency can overhead and administrative costs be kept at such a low figure.

Chart Showing Comparative Labor, Material and Administrative Costs

ANALYSIS OF AVAILABLE UNEMPLOYED CASE LOAD CERTIFIED AS ELIGIBLE FOR EMPLOYMENT TO THE WORKS PROGRESS ADMINISTRATION

The analysis made covers 1,150 workers for whom jobs have as yet not been obtained on W.P.A.

The breakdown in the following charts reveals, statistically, the make-up of the group.

THE FIRST CHART indicates the ratio of family men, women, and unattached men to each other and to the total number.

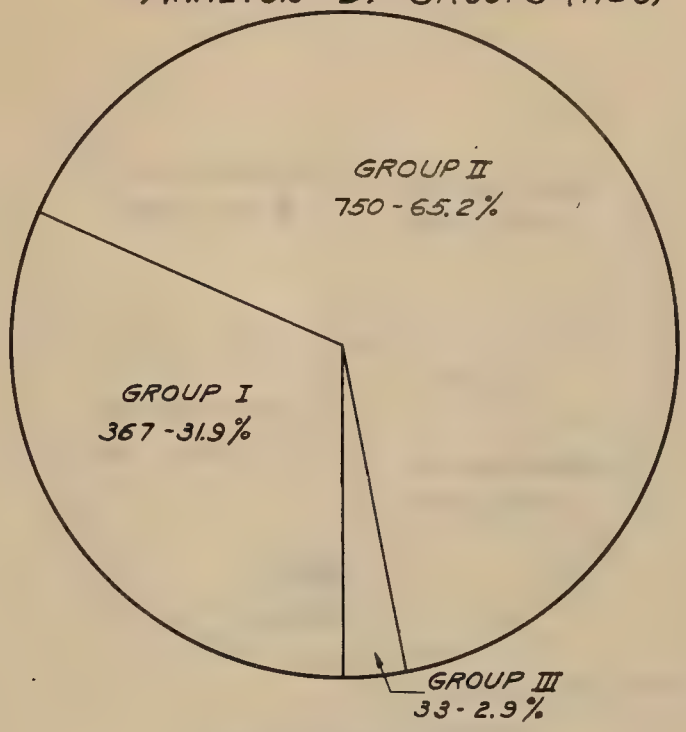
THE SECOND CHART reveals the breakdown according to age groupings.

THE THIRD CHART indicates the breakdown according to education.

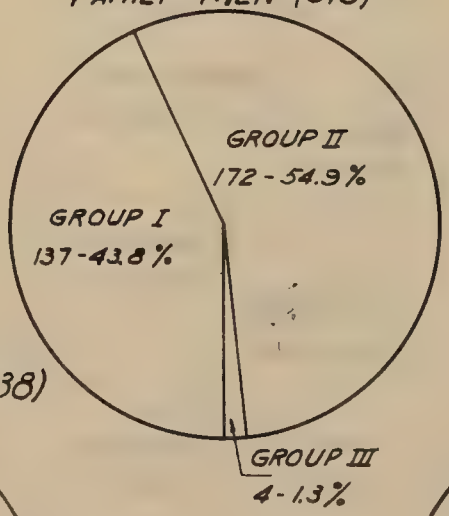
THE FOURTH CHART shows the breakdown related to recent employment the workers have secured in private industry.

AVAILABLE UNEMPLOYED SAN FRANCISCO

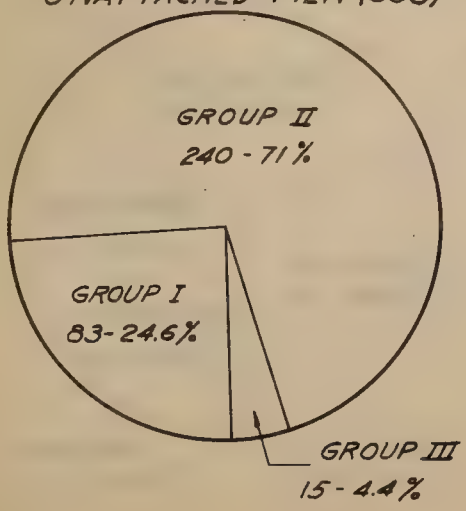
ANALYSIS BY GROUPS (1150)



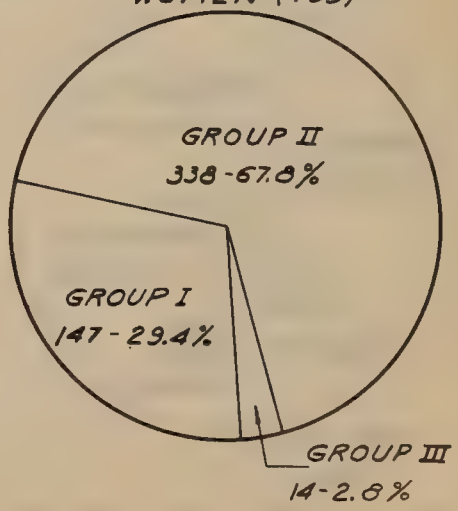
FAMILY MEN (313)



UNATTACHED MEN (338)

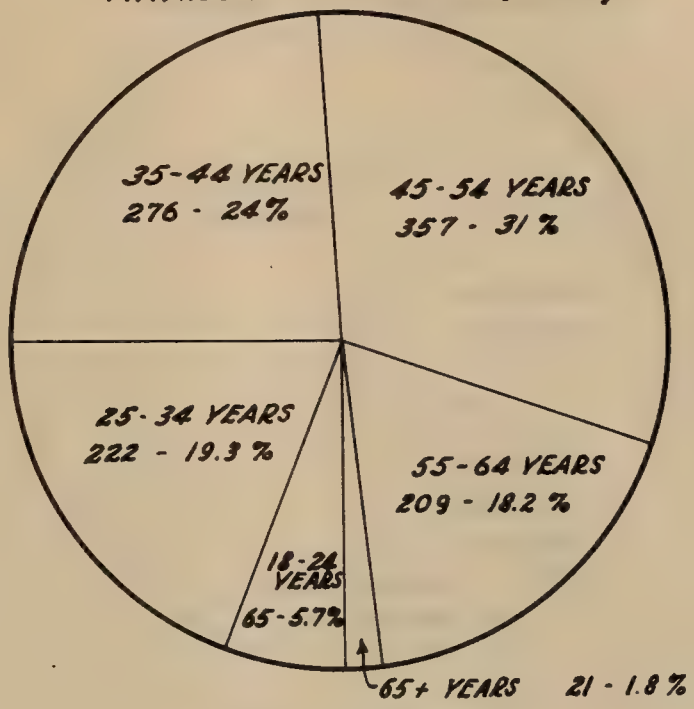


WOMEN (499)

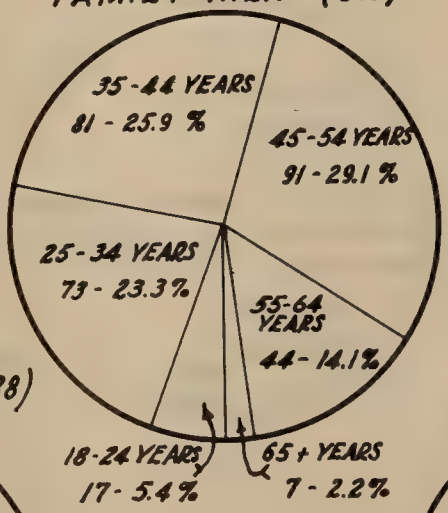


Available Unemployed - San Francisco

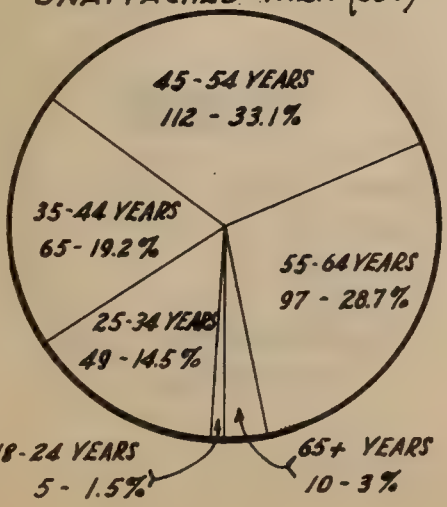
Analysis By Age (1150)



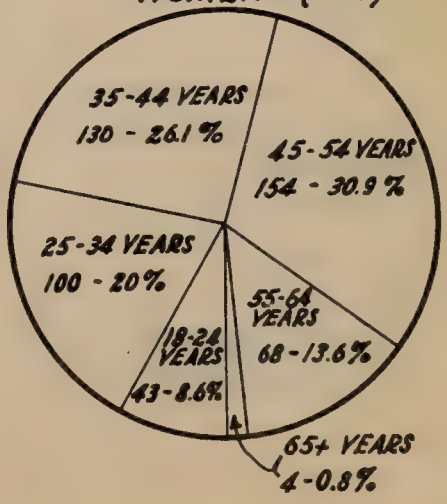
Family Men (313)



Unattached Men (338)

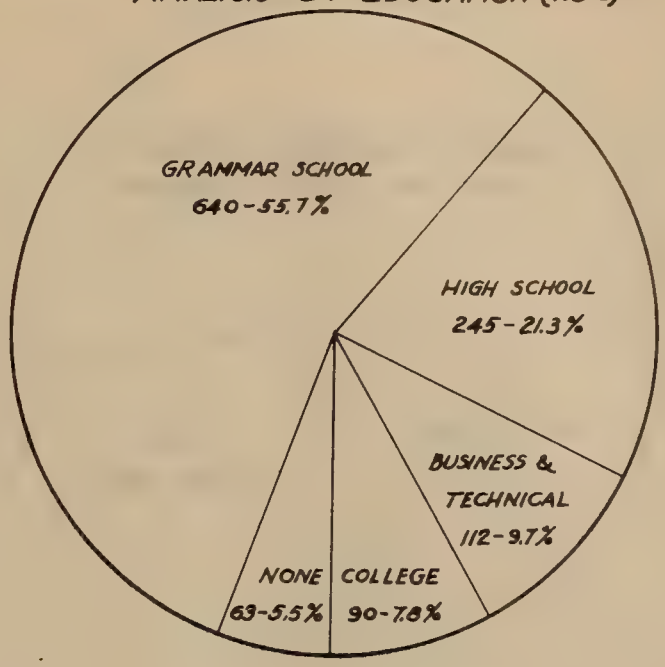


Women (499)

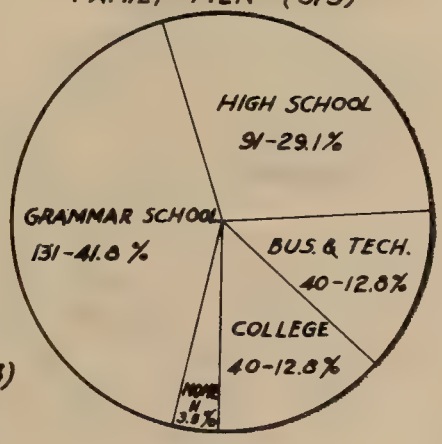


AVAILABLE UNEMPLOYED SAN FRANCISCO

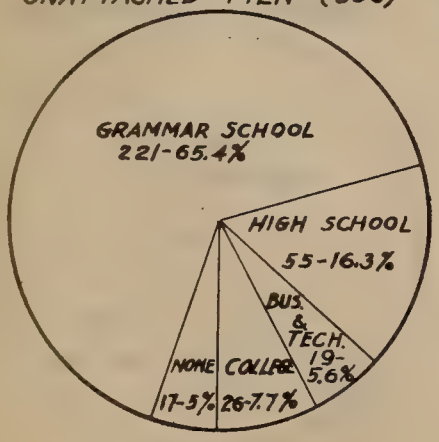
ANALYSIS BY EDUCATION (1150)



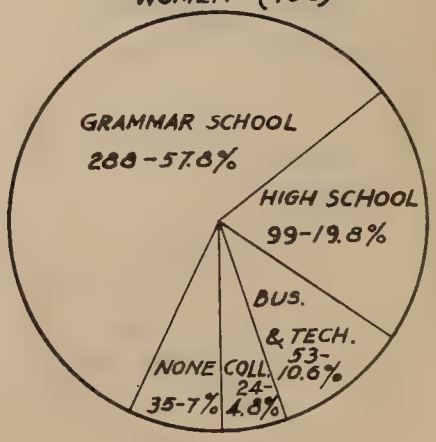
FAMILY MEN (313)



UNATTACHED MEN (338)

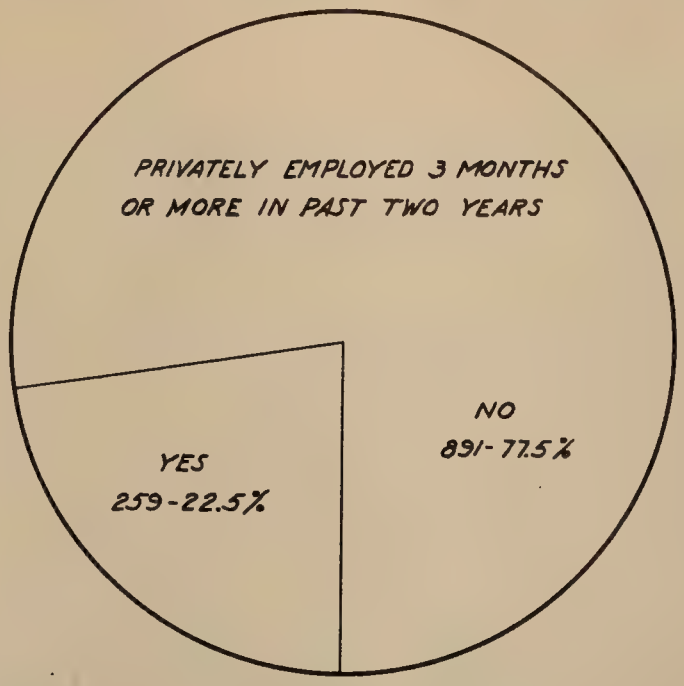


WOMEN (499)

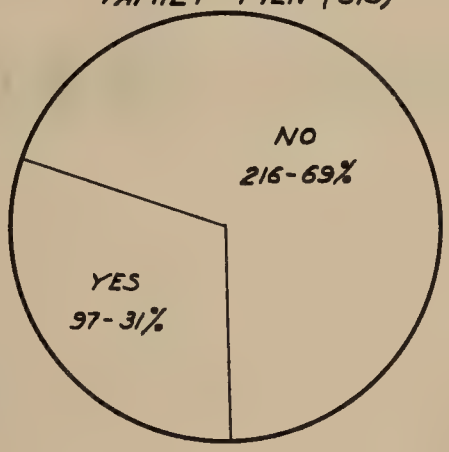


Available Unemployed San Francisco

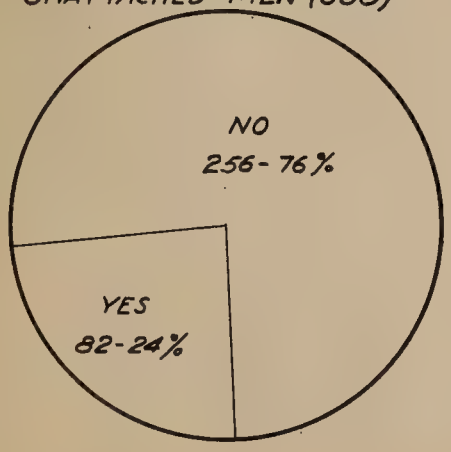
Analysis By Recent Employment (1150)



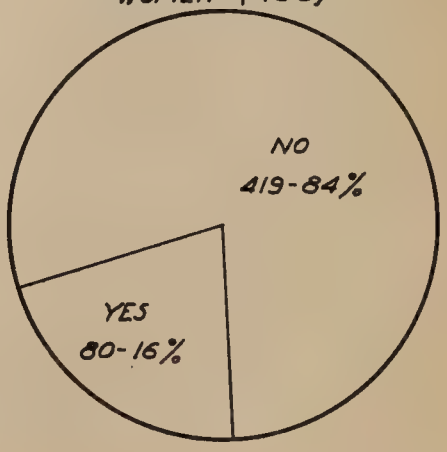
Family Men (313)



Unattached Men (338)



Women (499)



NATIONAL YOUTH ADMINISTRATION

THE NATIONAL YOUTH ADMINISTRATION

STATE OF CALIFORNIA

AREA #7

The National Youth Administration is set up to provide training for young men and women between the ages of 18 and 25. Youths who are out of school and seeking private employment are assigned to projects for which they are fitted by training and inclination and are given 40 hours of work per month on these projects. In many cases a definite course of related training, in addition to the 40 hours of work, is required.

The work on the projects is designed to bridge the gap between shool and job; that is, to give the youth experience in the type of work that he hopes to follow in private employment, and generally to increase his skill in the pursuit for which he is best fitted. A group of between 400 and 500 youths are at present receiving this training.

To accomplish these purposes a variety of projects have been set up: nineteen in all. There are several clerical projects, as a considerable proportion of the youth are trained along these lines. One large clerical project operates at the United States Forestry Service. Youths work in the various offices of the Service and perform the same type of work as the regularly employed staff. They take dictation, type, operate office machines, do statistical work, and generally become familiar with all the phases of office routine.

A project of a different type is the furniture project which trains boys to be skilled carpenters, to operate

NATIONAL YOUTH ADMINISTRATION

This youth is working as a plasterer's helper under skilled supervision. After a definite period of training he should be ready for private employment in that trade.

the necessary machinery, and construct and repair furniture. This project was of great value to the community last Christmas, when it repaired and reconditioned fifteen thousand toys to be distributed to needy families of San Francisco.

A third type of project is that operating in a number of nursery schools, where girls learn the proper care and feeding of young children under skilled supervision, with the end in view that they may be placed as trained nurse maids in private homes.

A project that is an excellent illustration of the purposes of the National Youth Administration is that operating at Fleishhacker Zoo, constructing new cages for the animals. Boys on this project are trained as plumbers, electricians, welders, sheet metal workers, tile setters, and mechanics. They are supervised by skilled workmen who instruct them in all phases of a particular trade, and their training is of the most practical type.

TESTIMONIAL

LETTERS

OFFICE OF THE MAYOR
SAN FRANCISCO

ANGELO J. ROSSI
Member
U.S. Conference of Mayors

February 3, 1938

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Works Progress Administration,
Area No. 7,
450 Mission Street,
San Francisco.

Gentlemen:

With the new year now well on its way, I cannot permit too much time to elapse in 1938, without expressing to you my sincerest thanks as Mayor of the City and County of San Francisco for the splendid work your organization has been doing in this area.

While I am not in a position to compare the policies of Area No. 7, with those of other Areas throughout the Counties, none the less I can affirm that none could have cooperated more fully with any City and County Administration than you have.

The people of San Francisco owe much to W.P.A. activities. Without them a burden would have been cast upon our citizens which they could not possibly have endured. With the W.P.A. projects already carried out and those now operating, much relief has been given to upstanding Americans who, through circumstances over which they had no control, were urgently in need of employment.

The handling of these cases reflects great credit upon your administration and I sincerely trust that the cordial relations which have existed between you and the City Administration in the past, may continue in the future.

Yours sincerely,

(Sgd.) Angelo J. Rossi

Mayor

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PUBLIC UTILITIES COMMISSION
City and County of San Francisco

September 25, 1937

Subject: Extension of "L" Line

Mr. William Mooser, Jr.
Manager, Area 7, District 1,
Works Progress Administration,
40 First Street,
San Francisco, Calif.

Dear Mr. Mooser:

In behalf of the Public Utilities Commission may I express our appreciation of your work personally, and that of the Works Progress Administration in the construction of the extension of the "L" line of the Municipal Railway, which has recently been completed.

The very excellent workmanship displayed by the W.P.A. in the construction of this line has given the Municipal Railway a very valuable addition to the service which it affords to the people of San Francisco.

I assure you that we are deeply appreciative of your efforts.

Very truly yours,

(signed)

E.G. Cahill
Manager of Utilities

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THE
RICHMOND DISTRICT PROPERTY OWNERS ASSOCIATION
OF SAN FRANCISCO

521 Twenty-Fifth
Avenue
BAyview - 3657

May 2, 1936

Mr. E. Elmore Hutchison
Field Engineer
W.P.A., 450 Mission Street
San Francisco, California

Dear Sir:

As president of the Richmond District Property Owners Association, I address you this letter as a means of conveying to you and the organization under your control an expression of gratitude from the property owners of 25th Avenue from Fulton Street to Camino Del Mar for the many courtesies extended to our people by Mr. Earl Whitney, the foreman in charge of this project.

Words of mine could not convey to you the wonderful qualities of this man both in the handling of men, and his tact in settling the many complaints of the property owners to the complete satisfaction of everyone concerned. As a representative of your organization, he is indeed a credit to it.

I wish to again thank you and your organization for the wonderful cooperation extended to our people on 25th Avenue, for it has been a pleasure to all of us to have your organization in our district. Your men have proven to the tax payers of the district that such projects are commendable for the welfare of our people as a whole.

Very truly yours

RICHMOND DISTRICT PROPERTY
OWNERS ASSOCIATION

By (Sgd.) Michael Duyer
Its President

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(in part)

SAN FRANCISCO, CALIFORNIA
November 12, 1937

Mr. Wm. Mooser, Jr., Director
Works Progress Administration
450 Mission Street
San Francisco, Calif.

Dear Mr. Mooser:

I suppose it is human nature to sometimes overlook entirely or delay unnecessarily acknowledging a deed or job well done. We, of the Golden Gate Tennis Club know that apology is due you and your organization for our belated expression of both praise and thanks to the men, who several weeks ago, completed the installation and resurfacing of the tennis courts at Golden Gate Park.

In writing to express the opinion of the Club's officers and the park players, I can but repeat what you already have undoubtedly been told many times: The courts are perfect. I am referring to the quality of surface, its evenness, resiliency, the excellent drainage, etc.....

Frankly, we were somewhat apprehensive when we understood our courts were to be done by the W.P.A. We know now that a private contractor could not improve on the job done. Having a good knowledge of the problems encountered in handling surfacing emulsions, we know you have an extremely capable court construction crew .....

Yours very truly,

GOLDEN GATE TENNIS CLUB

By (signed)
L.E. Diquez, Secretary

Note: This is a battery of 21 tennis courts

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MERCED MANOR PROPERTY OWNERS' ASSOCIATION
Member
CENTRAL COUNCIL OF CIVIC CLUBS

December 21, 1937

Mr. William Mooser, Jr.
40 First Street
San Francisco, California

Dear Sir:

This is to advise you that the tennis courts erected on Sloat Avenue opposite 22nd Avenue are a great benefit and asset to the city. These courts are used by young people from all parts of the city, and on Sundays and holidays are used continually. I believe that the value to the community is tremendous.

I believe that it would be of enduring value to the city if additional courts such as these were placed in fifty other locations in the city. That is, in my opinion, the city could stand and absorb fifty additional units. This statement is made from an observation of the tennis situation in San Francisco covering a period of approximately twenty years.

Yours sincerely,

(signed)

F.S. Durie
President

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San Francisco, California
December 14th, 1937

Mr. Wm. Mooser, Jr.
c/o Mr. Grey
40 - 1st Street
City

Dear Sir:

As the Crocker Amazon Recreation Park is near completion, as the Tennis Courts, which are situated on the North West Corner of Moscow and Geneva Ave. has been completed, I wish to express and give you, and to Whom it may concern a general idea of the tennis courts, there location, climate, beauty, as well as the interest that the people of this vicinity have taken along with the Sponsor, our City of San Francisco, through the Federal Government assisting.

There are six sets of Tennis Courts, built the most modern and up to date in every way, large enough to hold tournaments, built to accommodate the largest gathering, as well as a place provided for judges which is exclusive for Judges to judge all games. The grandstands are arranged that one can watch the game and will be able to enjoy every move of the players, the court has been built to bring out the fastest playing that is in the human being, so constructed that plenty of sunshine, best of air conditions, in case of wind, a breaker protects the players as well as the sightseers. Everything is new the Court, nets, fencing, the convenient House. The surroundings are beautiful, which will add to help the players and sightseers that not a moment will be dull when visiting such a beautiful man made out door tennis court, which has taken over three years to build.

The landscape has been carefully laid out, with trees, grass, schrubs, Hills and dells. On the East and South no homes, while on the west and North homes that are keep up and are a credit to the district.

This Recreation Play Grounds comprise 55 acres, while the Tennis Courts are separate, the Play Grounds will soon be open to the Public and there is no question the people will certainly enjoy one of the greatest and most beautiful Recreation Parks in United States.

As President of the Crocker Amazon Improvement Association, which was one of the first to Sponsor this Recreation Park, as Chairman of the Play Grounds, the people of this vicinity have watched with interest this large Tract, which the homes were purchased and moved off, for a reservoir, after the City took over this property, reimbursing men whom use same for a vegetable garden for over twenty years, the Association desired to have a Play Ground for the people of this neighborhood, after untireing efforts, was made we finally succeeded

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and thru the Federal Governorment assisting the unemployeed, this project is one of the largest in the City and County of San Francisco.

The children as well as the Adults will appreciate this play grounds as it is far better for the taxpayer to pay a few more dollars for recreation purposes, saving life at the same time enjoying the God Life that the Creator wants us to have. May I state that we indeed are greatful.

The Recreation Grounds can be reached by street cars, bus, and motorists have a wonderful parking place on the grounds.
It should be of interest of every out door fan to visit this up too date Recreation Grounds and all Tennis Fans should consider using same.

Very truly yours

/s/ W.S. Salisbury

W.S. Salisbury, President,
Crocker Amazon Improvement Assn.
1398 Geneva Ave.

DOCUMENTS DEPARTMENT